



Products & Prices

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Company Profile

Chengdu Organic Chemicals Co. Ltd., Chinese Academy of Sciences (COCC) is a state- owned high-tech enterprise focused on technology research and development. It was transformed from Chengdu Institute of Organic Chemistry of Chinese Academy of Science (CIOC) established in 1958.

Timesnano belongs to COCC. Timesnano began to prepare CNTs by natural gas catalytic decomposition in 1996, supported by Foundation of President of the Chinese Academy of Science, Knowledge Innovation Project of CAS, 863 Project, Major National Scientific Research Plan and so on. Timesnano has done a lot of work on CNTs synthesis and application, and a series of progresses has been obtained. Timesnano is one member of CNTs National Standards drafting. By the end of 2015, Timesnano applied for 43 patents with 15 authorized, and pulished more than 100 SCI papers.

Timesnano is one of the worlds major CNTs manufacturers. Its R&D capability, manufacturing level and product quality are in the advanced ranks in the world. Furthermore, Timesnano is the earlist member to realize CNTs industrial production in China and realize industrial application in China. Not only skilled in R&D and production, Timesnano is also committed to the transformation of achievements. Based on the core technology achievements of Timesnano, BTR Battery Material Co., Ltd., Shenzhen Nanotech Port Co., Ltd., Shenzhen Sanshun Zhongke New Material Co., Ltd and Sichuan Xingneng New Materials Co., Ltd were established.

With the expansion of research on carbon nanomaterial, Timesnano launched graphene products in 2011. Currently, the products of Timesnano include CNTs powder, CNTs paste, CNTs array, CNTs fiber, CNTs film, CNTs film adhesive tape, graphene, graphene film, graphene foam, graphene oxide , graphene nanoplatelets, fullerene, nano-ceramic powders and their related application products, such as conductive additives for lithium ion battery, CNTs conductive heating coating, CNTs thermal radiation coating, CNTs transparent static conductive coating, CNTs conductive fillers, CNTs functional masterbatches, CNTs epoxy composite, etc. At present, the production capacity of multi walled carbon nanotubes is 700 tons / year. The production capacity of carbon nanotube paste is 2000 tons/year. The production capacity of high purity single wall carbon nanotube is 2 tons/year. The production capacity of grapheme is 30 tons/year. The production capacity of graphite nanoplatelet is 50 tons/year.



Timesnano will remain committed to research and manufacture work on nanometer materials, maintain to be a globally reliable supplier of nanometer materials, and try its best to make contribution to global nanometer materials career and human civilization.

Development History

Foundation of Chengdu Institute of Organic Chemistry, Chinese Academy of Science	1958
Beginning to prepare CNTs by Catalytic cracking of natural gas	1996
Realizing CNTs industrial production for the first time in China (Establishing Shenzhen Nanotech Port Co., Ltd)	2001
Establishment of TIMESNANO business Division	2003
Launching high purity SWCNTs	2005
Development of CNTs-based Conductive Additives for Lithium Ion Battery	2006
Realizing CNTs industrial application in lithium-ion battery for the first time in China	2008
Establishing Shenzhen Sanshun zhongke new material Co., Ltd	2010
Launching graphene	2011
Expanding the CNTs production to above 200 t/a	2013
Expanding the CNTs paste production to above 2000 t/a	2014

Trading Units

Timesnano offers its products in standard quantities. Trading units other than those given in this publication are not available. If you wish to purchase any product in Tap quantity, please feel free to contact us for a quotation.

Prices

All prices listed in this publication are net prices and given in US dollar (\$). Shipping and handling charges are to be added to your account (see below). Any additional taxes and duties are payable by the customer.

Prices are subject to change. Please contact us for a firm quotation. All previously published price information will become void after December 3rd, 2014.

Shipping and handling charges

China:

Shipments are routinely made by **SF express**. A shipping charge of ¥ 20.00 applies for most order.

All other destinations:

Shipments are routinely made by **FedEx**. Shipping and handling charges apply. The shipping charges depend on the destination as well as on the actual gross weight of the shipment and therefore have to be determined individually. Alternatively, shipment can be arranged through any other courier service of your choice. Please

provide your account number with your preferred courier service when Ordering. The handling charges of \$30.00 applied for every order.

Please note that not all products listed in this publication are on-stock items and may therefore have longer delivery times.

According to export regulations several products are undeliverable in several countries.

Payment

Payment is possible by Wire Transfer (T/T). Terms of payment should be advance payment. All deliveries are subject to our General Terms and Conditions which can be found on our website (www.timesnano.com).

Can't find the product you need?

If you wish to purchase a product that is not listed in this publication please do not hesitate to contact us. We offer custom synthesis of many carbon nanotubes, carbon nanotubes-based products and graphene at very competitive prices.

Your suggestions for new products are always welcome!

How to place an Order

Orders should state clearly the name, product code and quantity of each product you wish to purchase as well as your VAT-ID number. Please send your Orders by email to

carbon@cioc.ac.cn

nano@cioc.ac.cn

times@cioc.ac.cn

Orders by email are preferred. You will receive a purchase Order confirmation by email or fax within 48 hours of receipt of your Order. Please let us know if you do not receive a purchase Order confirmation within this time.

Category

Nanomaterials from Timesnano

Timesnano offers CNTs (carbon nanotubes), CNTs-based products and graphene in small quantity for researchers and in Tap Order for industry groups. Our expertise in the properties, applications and various manufacturing of advance and engineered materials allows us to meet the needs of our customers.

Carbon Nanotubes:

SWCNTs

DWCNT

MWCNTs

Graphitized MWCNTs

Specific MWCNTs

Industrial MWCNTs

–OH and –COOH functionalized CNTs

Length tailored CNTs

CNTs-based Products:

CNTs Dispersant and Dispersion and Paste

CNTs Conductive Filler

CNTs/Polymer Composite

CNTs Functional Coating

Graphene:

(1) Graphene

(2) Graphene Dispersion

(3) Single Layer Graphene Oxide

(4) Single Layer Graphene Oxide Dispersion

(5) Graphene Nanoplatelets

Fullerene

Nano-ceramic Powders

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Abbreviations

ID	Inner Diameter
OD	Outer Diameter
SSA	Specific Surface Area
EC	Electric Conductivity
SWCNTs	Single-Walled Carbon Nanotubes
DWCNTs	Double-Walled Carbon Nanotubes
MWCMTs	Multi-Walled Carbon Nanotubes
OAN	Oil-Absorption Value
DOP	Diethyl phthalate
MFI	Melt Flow Index

1 Graphene Products

1.1 Graphene

Product Model	Description	Price
TNPRGO	High-Purity Graphene Purity:>98wt% Thickness:1-3nm Size:>50μm Layers:< 3 SSA:100-200m ² /g Appearance: Black powder Min Order: 0.5g	\$200/g 0.5-20g Negociable 50g-500g
TNHRGO	High-Electrical Conductivity Plasma Graphene Purity:>99wt% Size: 0.2-0.5μm Layers:< 5 SSA: >300m ² /g Appearance: Black powder Min Order: 1g	\$100/g 1g-20g Negociable 20g-500g
TNERGO-3	High-Electrical Conductivity Graphene Purity:>98wt% Size: 1-5μm Layers:< 3 SSA: 50-80m ² /g Appearance: Black powder Min Order: 0.5g	\$200/g 0.5g-20g Negociable 20g-500g
TNERGO-10	High-Electrical Conductivity Graphene	\$200/g 0.5g-20g

Purity:>98wt%
Size: 8-15μm
Layers:< 3
SSA: 70-110m²/g
Appearance: Black powder
Min Order: 0.5g

Negotiable 20g-500g

TNERGO-50	High-Electrical Conductivity Graphene	\$200/g	0.5g-20g Negotiable 20g-500g
	Purity:>98wt% Size: >50μm Layers:< 3 SSA: 110-170m ² /g Appearance: Black powder Min Order: 0.5g		
TNRGO	Graphene	\$145/g	0.5-20g Negotiable 50g-500g
	Purity:>98wt% Thickness:0.55-3.74nm Size:0.5-3μm Layers:<10 SSA:500-1000m ² /g Appearance: Black powder Min Order: 0.5g		
TN3DRGO	Three-Dimensional Graphene	\$84/g	1-50g Negotiable 50g-500g
	Purity: >60 wt% (Containing ~40 wt% Fe nanoparticles anchored on graphene sheet) layers: 3-4 Thickness: <1.4 nm Scale of graphene sheet: 6-8 μm Specific Surface Area: 250-350 m ² /g		
TN3DPRGO	Three-Dimensional Graphene	\$133/g	1-50g Negotiable 50g-500g
	Purity: >96 wt% layers: 3-4 Thickness: <1.4 nm Scale of graphene sheet: 6-8 μm		
TNWRGO	Graphene Dispersion	\$145/g	<50g Negotiable 50g-500g
According to the content of solid calculation	Purity:>98wt% Thickness:0.55-3.74nm Size:0.5-3μm Layers:<10 SSA:500-1000m ² /g TNRGO content: 0.4~0.6 wt % Dispersant Content:0.4~0.6 wt % Appearance: Black water dispersion Min Order:1g		

TNWPRGO	Graphene Aqueous Paste Purity:>98wt% D(50):4-6μm Layers:<10 SSA:500-700m ² /g TNRGO content: 1-1.5 wt % Dispersant Content:0.2 -0.3wt% Min Order: 1g	\$145/g Negociable 50g-500g	<50g
TNAPRGO	Graphene Ethanol Paste Purity:>98wt% Layers:<10 SSA:500-1000m ² /g TNRGO content: 1-2wt% Dispersant Content:0.2 -1wt% Min Order: 1g	\$170/g Negociable 50g-500g	<50g
TNDPRGO	Graphene DMF Paste Purity:>98wt% Layers:<10 SSA:500-1000m ² /g TNRGO content: 1-2wt% Dispersant Content:0.2 -1wt% Min Order: 1g	\$170/g Negociable 50g-500g	<50g
TNNPRGO	Graphene NMP Paste Purity:>98wt% D(50):4-6μm Layers:<10 SSA:500-700m ² /g TNRGO content: 1-1.5 wt % Dispersant Content:0.2-0.75wt% Min Order: 1g	\$145/g Negociable 50g-500g	<50g
TNNRGO	Nitrogen Doped Graphene Purity:>98wt% Thickness:1-3nm Size:2-10μm Layers:< 3 SSA:100-300m ² /g Appearance: Black powder Min Order: 0.5g	\$230/g Negociable 50g-500g	0.5-20g
TNRGOC	-COOH Functionalized Graphene Purity:>98wt% Thickness:0.55-3.74nm Size:0.5-3μm Layers:<10 Appearance: Black powder	\$200/g Negociable 50g-500g	0.5-20g

Min Order: 0.5g			
TNRGOH	-OH Functionalized Graphene	\$200/g	0.5-20g
	Purity:>98wt%	Negociable 50g-500g	
	Thickness:0.55-3.74nm		
	Size:0.5-3μm		
	Layers:<10		
	Appearance: Black powder		
	Min Order: 0.5g		
TNRGON	NH₂ Functionalized Graphene	\$230/g	0.5-20g
	Purity:>98wt%	Negociable 50g-500g	
	Thickness:0.55-3.74nm		
	Size:0.5-3μm		
	Layers:<10		
	Appearance: Black powder		
	Min Order: 0.5g		
TNIRGO	Industrial Graphene	\$32/g	1g-50g
	Purity:>97wt%	Negociable 50g-500g	
	Size:<6μm		
	Layers:<10		
	SSA:80-120m ² /g		
	EC:>100S/m		

1.2 Graphene Aerogels(Graphene Foam)

Product Model	Description	Price
TNSGA-1	Strong Graphene Aerogels	\$83/piece
	Diameter: 1.2±0.2cm	
	Height: 1.2±0.2cm	
	Density: 10-20 mg/cm ³	
TNSGA-2	Strong Graphene Aerogels	\$100/piece
	Diameter: 2.0±0.5cm	
	Height: 2.0±0.5cm	
	Density: 10-20 mg/cm ³	
TNULGA-1	Ultra-light Graphene Aerogels	\$83/piece
	Diameter: 1.2±0.2cm	
	Height: 1.2±0.2cm	
	Density: 3-5 mg/cm ³	
TNULGA-2	Ultra-light Graphene Aerogels	\$100/piece
	Diameter: 2.0±0.5cm	
	Height: 2.0±0.5cm	

TNCNTGA-1	Density: 3-5 mg/cm ³	CNT modified Graphene Aerogels	\$83/piece
	Diameter: 1.2±0.2cm		
	Height: 1.2±0.2cm		
	Density: 4-8 mg/cm ³		
TNCNTGA-2	Density: 4-8 mg/cm ³	CNT modified Graphene Aerogels	\$100/piece
	Diameter: 2.0±0.5cm		
	Height: 2.0±0.5cm		
	Density: 4-8 mg/cm ³		
TNMGA-1	Density: 4-8 mg/cm ³	Magnetic graphene aerogel	\$92/piece
	Diameter: 1.0cm ± 0.2cm		
	Height: 1.0cm ± 0.2cm		
	Density: 10-13 mg/cm ³		
TNMGA-2	Content of Fe ₃ O ₄ : 47±3%	Magnetic graphene aerogel	\$108/piece
	Diameter: 2.0cm ± 0.5cm		
	Height: 2.0cm ± 0.5cm		
	Density: 10-13 mg/cm ³		
TNMGA-3	Content of Fe ₃ O ₄ : 47±3%	Magnetic graphene aerogel	\$92/piece
	Diameter: 1.0cm ± 0.2cm		
	Height: 1.0cm ± 0.2cm		
	Density: 14-17 mg/cm ³		
TNMGA-4	Content of Fe ₃ O ₄ : 63±3%	Magnetic graphene aerogel	\$108/piece
	Diameter: 2.0cm ± 0.5cm		
	Height: 2.0cm ± 0.5cm		
	Density: 14-17 mg/cm ³		
TNMGA-4	Content of Fe ₃ O ₄ : 63±3%	Magnetic graphene aerogel	\$108/piece
	Diameter: 2.0cm ± 0.5cm		
	Height: 2.0cm ± 0.5cm		
	Density: 14-17 mg/cm ³		

1.3 Graphene Films

Product Model	Description	Price
TNFCA1	Graphene Film on Copper Foil	\$60
	Monolayer A	
	Square Resistance:300-600Ω/◇	
	Size:1cm*1cm	
TNFCB1	Monolayer B	\$40
	Square Resistance:700-1500Ω/◇	
	Size:1cm*1cm	
	Few layer	
TNFCF1		\$50

	Square Resistance:500-1200Ω/◇ Size:1cm*1cm	
TNFCA2	MonolayerA	\$160
	Square Resistance:300-600Ω/◇ Size:2cm*2cm	
TNFCA2	MonolayerB	\$80
	Square Resistance:700-1500Ω/◇ Size:2cm*2cm	
TNFCA2	Few layer	\$120
	Square Resistance:500-1200Ω/◇ Size:2cm*2cm	
TNFCA5	Monolayer A	\$460
	Square Resistance:300-600Ω/◇ Size:5cm*5cm	
TNFCA5	Monolayer B	\$300
	Square Resistance:700-1500Ω/◇ Size:5cm*5cm	
TNFCA5	Few layer	\$370
	Square Resistance:500-1200Ω/◇ Size:5cm*5cm	
TNFCA51	Monolayer A	\$730
	Square Resistance:300-600Ω/◇ Size:5cm*10cm	
TNFCA51	Monolayer B	\$460
	Square Resistance:700-1500Ω/◇ Size:5cm*10cm	
TNFCA51	Few layer	\$550
	Square Resistance:500-1200Ω/◇ Size:5cm*10cm	
TNFCA10	Monolayer A	\$1,100
	Square Resistance:300-600Ω/◇ Size:10cm*10cm	
TNFCA10	Monolayer B	\$640
	Square Resistance:700-1500Ω/◇ Size:10cm*10cm	
TNFCA10	Few layer	\$825
	Square Resistance:500-1200Ω/◇ Size:10cm*10cm	
TNFCA15	Monolayer A	\$1280
	Square Resistance:300-600Ω/◇ Size:10cm*15cm	
TNFCA15	Monolayer B	\$825
	Square Resistance:700-1500Ω/◇ Size:10cm*15cm	

TNFCF15	Few layer Square Resistance:500-1200Ω/◇ Size:10cm*15cm	\$1,100
TNFCA23	MonolayerA Square Resistance:300-600Ω/◇ Size:20cm*30cm	\$2,200
TNFCB23	MonolayerB Square Resistance:700-1500Ω/◇ Size:20cm*30cm	\$1,470
TNFCF23	Few layer Square Resistance:500-1200Ω/◇ Size:20cm*30cm	\$1,650

Product Model	Description	Price
	Steeping-Taking Graphene Film on Copper Foil	
TNFPCA1	Monolayer A Square Resistance:300-600Ω/◇ Size:1cm*1cm	\$80
TNFPCB1	Monolayer B Square Resistance:700-1500Ω/◇ Size:1cm*1cm	\$48
TNFPCF1	Few layer Square Resistance:500-1200Ω/◇ Size:1cm*1cm	\$50
TNFPCA2	MonolayerA Square Resistance:300-600Ω/◇ Size:2cm*2cm	\$240
TNFPCB2	MonolayerB Square Resistance:700-1500Ω/◇ Size:2cm*2cm	\$120
TNFPCF2	Few layer Square Resistance:500-1200Ω/◇ Size:2cm*2cm	\$180
TNFPCA5	Monolayer A Square Resistance:300-600Ω/◇ Size:5cm*5cm	\$590
TNFPCB5	Monolayer B Square Resistance:700-1500Ω/◇ Size:5cm*5cm	\$360
TNFPCF5	Few layer Square Resistance:500-1200Ω/◇ Size:5cm*5cm	\$400
TNFPCA51	Monolayer A Square Resistance:300-600Ω/◇	\$860

TNFPCB51	Size:5cm*10cm Monolayer B Square Resistance:700-1500Ω/◇	\$510
TNFPCF51	Size:5cm*10cm Few layer Square Resistance:500-1200Ω/◇	\$730
TNFPCA10	Size:5cm*10cm Monolayer A Square Resistance:300-600Ω/◇	\$1,280
TNFPCB10	Size:10cm*10cm Monolayer B Square Resistance:700-1500Ω/◇	\$730
TNFPCF10	Size:10cm*10cm Few layer Square Resistance:500-1200Ω/◇	\$920

Product Model	Description	Price
	Impending Self-help Transfer Graphene Film	
TNFTA1	Monolayer A Square Resistance:300-600Ω/◇ Size:1cm*1cm	\$80
TNFTB1	Monolayer B Square Resistance:700-1500Ω/◇ Size:1cm*1cm	\$40
TNFTF1	Few layer Square Resistance:500-1200Ω/◇ Size:1cm*1cm	\$60
TNFTA2	MonolayerA Square Resistance:300-600Ω/◇ Size:2cm*2cm	\$240
TNFTB2	MonolayerB Square Resistance:700-1500Ω/◇ Size:2cm*2cm	\$120
TNFTF2	Few layer Square Resistance:500-1200Ω/◇ Size:2cm*2cm	\$200
TNFTA5	Monolayer A Square Resistance:300-600Ω/◇ Size:5cm*5cm	\$590
TNFTB5	Monolayer B Square Resistance:700-1500Ω/◇ Size:5cm*5cm	\$370
TNFTF5	Few layer	\$460

Square Resistance:500-1200Ω/◇
Size:5cm*5cm

Product Model	Description	Price
	Graphene Film on Silicon Oxide Substrates	
TNFMA1	Monolayer A Square Resistance:300-600Ω/◇ Size:1cm*1cm	\$90
TNFMB1	Monolayer B Square Resistance:700-1500Ω/◇ Size:1cm*1cm	\$50
TNFMF1	Few layer Square Resistance:500-1200Ω/◇ Size:1cm*1cm	\$70
TNFMA2	MonolayerA Square Resistance:300-600Ω/◇ Size:2cm*2cm	\$260
TNFMB2	MonolayerB Square Resistance:700-1500Ω/◇ Size:2cm*2cm	\$130
TNFMF2	Few layer Square Resistance:500-1200Ω/◇ Size:2cm*2cm	\$180
TNFMA5	Monolayer A Square Resistance:300-600Ω/◇ Size:5cm*5cm	\$640
TNFMB5	Monolayer B Square Resistance:700-1500Ω/◇ Size:5cm*5cm	\$370
TNFMF5	Few layer Square Resistance:500-1200Ω/◇ Size:5cm*5cm	\$550
TNFMA7	Monolayer A Square Resistance:300-600Ω/◇ Size:7cm*7cm	\$825
TNFMB7	Monolayer B Square Resistance:700-1500Ω/◇ Size:7cm*7cm	\$460
TNFMF7	Few layer Square Resistance:500-1200Ω/◇ Size:7cm*7cm	\$640

Product Model	Description	Price
	Graphene Film on Quartz Substrates	

TNFQA1	Monolayer A Square Resistance:300-600Ω/◇ Size:1cm*1cm	\$90
TNFQB1	Monolayer B Square Resistance:700-1500Ω/◇ Size:1cm*1cm	\$50
TNFQF1	Few layer Square Resistance:500-1200Ω/◇ Size:1cm*1cm	\$70
TNFQA2	MonolayerA Square Resistance:300-600Ω/◇ Size:2cm*2cm	\$240
TNFQB2	MonolayerB Square Resistance:700-1500Ω/◇ Size:2cm*2cm	\$130
TNFQF2	Few layer Square Resistance:500-1200Ω/◇ Size:2cm*2cm	\$180
TNFQA5	Monolayer A Square Resistance:300-600Ω/◇ Size:5cm*5cm	\$660
TNFQB5	Monolayer B Square Resistance:700-1500Ω/◇ Size:5cm*5cm	\$370
TNFQF5	Few layer Square Resistance:500-1200Ω/◇ Size:5cm*5cm	\$510

Product Model	Description	Price
	Graphene Film on PET Substrates	
TNFPA1	Monolayer A Square Resistance:300-600Ω/◇ Size:1cm*1cm	\$90
TNFPB1	Monolayer B Square Resistance:700-1500Ω/◇ Size:1cm*1cm	\$60
TNFPF1	Few layer Square Resistance:500-1200Ω/◇ Size:1cm*1cm	\$70
TNFPA2	MonolayerA Square Resistance:300-600Ω/◇ Size:2cm*2cm	\$240
TNFPB2	MonolayerB Square Resistance:700-1500Ω/◇	\$130

TNFPF2	Size:2cm*2cm Few layer Square Resistance:500-1200Ω/◇	\$200
TNFPA5	Size:2cm*2cm Monolayer A Square Resistance:300-600Ω/◇	\$640
TNFPB5	Size:5cm*5cm Monolayer B Square Resistance:700-1500Ω/◇	\$370
TNFPF5	Size:5cm*5cm Few layer Square Resistance:500-1200Ω/◇	\$550
TNFPA51	Size:5cm*5cm Monolayer A Square Resistance:300-600Ω/◇	\$730
TNFPB51	Size:5cm*10cm Monolayer B Square Resistance:700-1500Ω/◇	\$460
TNFPF51	Size:5cm*10cm Few layer Square Resistance:500-1200Ω/◇	\$550

1.4 Graphene Foam

Product Model	Description	Price
	Nickel Graphene Foam	
TNNFA1	Monolayer A Thickness:1-1.2mm Size:1cm*1cm	\$80
TNNFA2	Monolayer A Thickness:1-1.2mm Size:2cm*2cm	\$160
TNNFA5	Monolayer A Thickness:1-1.2mm Size:5cm*5cm	\$460
TNNFA51	Monolayer A Thickness:1-1.2mm Size:5cm*10cm	\$730
Product Model	Description	Price
	Impending Self-help Transfer Nickel Graphene Foam	

TNNFTA1	Monolayer A Thickness:1-1.2mm Size:1cm*1cm	\$100
TNNFTA2	Monolayer A Thickness:1-1.2mm Size:2cm*2cm	\$180
TNNFTA3	Monolayer A Thickness:1-1.2mm Size:3cm*3cm	\$416

1.5 Graphene Oxide

TNGO	Graphene Oxide Powder Purity:>99wt% Thickness:0.55~1.2nm Size:0.5-3μm Layers:<3 Appearance: Brown yellow powder Min Order: 0.5g	\$130/g Negociable	<50g 50g-500g
TNGO-3	Graphene Oxide Powder Purity:>98wt% ASH: <1.5wt% Size:1-5μm Layers:1-2 Min Order: 0.5g	\$130/g Negociable	<50g 50g-500g
TNGO-10	Graphene Oxide Powder Purity:>98wt% ASH: <1.5wt% Size:8-15μm Layers:1-2 Min Order: 0.5g	\$130/g Negociable	<50g 50g-500g
TNGO-50	Graphene Oxide Powder Purity:>98wt% ASH: <1.5wt% Size:>50μm Layers:1-2 Min Order: 0.5g	\$130/g Negociable	<50g 50g-500g
TNIGO	Industrial Graphene Oxide Purity:>97wt% Thickness:0.55-2.0 nm Size:3-10μm Layers:<5	\$67/g \$50/g	1g-50g 50g-100g
TNIGO-2	Industrial Graphene Oxide	\$26/g	1g-50g

	Purity:>95wt% Thickness:0.55-5.0 nm Size:0.5-10μm Layers:<10	\$20/g	50g-200g
TNWGO	Graphene Oxide Water Dispersion	pH=1-2 \$110/g <50g pH=3-4 \$130/g <50g Negociable 50g-500g	
According to the content of solid calculation	Purity:>99wt% Thickness:0.55~1.2nm Size:0.5-3μm Layers:<3 TNGO content: 1-3wt % Appearance: Brown gel Min Order: 1g		
TNWGO-3	Graphene Oxide Water Dispersion	pH=1-2 \$110/g <50g pH=3-4 \$130/g <50g Negociable 50g-500g	
	Purity:>98wt% ASH: <1.5wt% Size:1-5μm Layers:1-2 TNGO content: 1-3wt% Min Order: 1g		
TNWGO-10	Graphene Oxide Water Dispersion	pH=1-2 \$110/g <50g pH=3-4 \$130/g <50g Negociable 50g-500g	
	Purity:>98wt% ASH: <1.5wt% Size:8-15μm Layers:1-2 TNGO content: 1-3wt% Min Order: 1g		
TNWGO-50	Graphene Oxide Water Dispersion	pH=1-2 \$110/g <50g pH=3-4 \$150/g <50g Negociable 50g-500g	
	Purity:>98wt% ASH: <1.5wt% Size:>50μm Layers:1-2 TNGO content: 1-3wt% Min Order: 1g		
TNWIGO	Industrial Graphene Oxide Water Dispersion	\$40/g 1g-50g \$25/g 50g-100g \$16/g 100g-500g	
	Purity:>97wt% Thickness:<5nm Size:2-8μm Layers:<5 D50=3.737μm		

1.6 Graphene oxide Paper

Product Model	Description	Price
TNFOGP3	Graphene oxide Paper Size: Diameter 9.0cm \pm 0.5cm Thickness: 3 μ m \pm 1 μ m	\$83/piece
TNFOGP10	Graphene oxide Paper Size: Diameter 9.0cm \pm 0.5cm Thickness: 10 μ m \pm 2 μ m	\$83/piece

1.7 Graphene Nanoplatelets

TNGNP	Graphene Nanoplatelets Purity:>99.5wt% Thickness:4-20nm Size:5-10 μ m Layers:<20 Density: 0.6g/cm ³ PH Value:PH=7.00-7.65 (30℃) Appearance: Grey brown powder Min Order: 5g	\$8/g Negociable	5-50g 50g-500g
TNIGNP	Industrial Graphene Nanoplatelet Purity:>90wt% layers: <30 Diameter: 2-16 μ m Density: 0.6g/cm ³ Volume Resistivity:<0.15 ohm.cm	\$250/kg Negociable	1-10kg >10kg
TNIGNP-2	Industrial Graphene Nanoplatelet Purity:>90wt% Layers: <30 Diameter: 2-13 μ m Density: 0.2g/cm ³ Volume Resistivity:<0.2 ohm.cm	\$300/kg Negociable	1-10kg >10kg
TNWIGNP	Industrial Graphite Nanoplatelet Aqueous Paste Purity:>90wt% IGNP Content: 5wt% Dispersant Content: 1wt% layers: <30 Diameter: 2-16 μ m SSA:30-40m ² /g	\$67/kg Negociable	1-10kg >10kg
TNNIGNP	Industrial Graphite Nanoplatelet NMP Paste	\$67/kg	1-10kg

Purity:>90wt%
IGNP Content: 5wt%

Negotiable >10kg

Dispersant Content: 1wt%
layers: <30
Diameter: 2-16um
SSA:30-40m²/g

1.8 Graphene Composite

TNGHC-1	Graphene High Temperature Coating Fineness: ≤20um Density: 1.4-1.8g/cm ³ Solid content:60-70%	\$500/kg	1-10kg
TNIGNP-CNTs	Industrial Graphite Nanoplatelet CNTs Powder Composite Purity:>90wt% GNP and CNTs composition proportion 4:1 adjustable Layers: <30 Median size d(0.5): 5-7um	\$250/kg Negotiable	1-10kg >10kg
TN3DRGO-CNT	Three-Dimensional Graphene/Multi-Walled Carbon Nanotubes Composite Purity: >90 wt% (Containing 5~10 wt% Fe nanoparticles) Graphene layers: 3-4 Graphene Sheet Thickness: <1.4 nm Scale of graphene sheet: 6-8 μm CNT Length (Controllable) : 5-20 μm CNT Outer Diameter (Controllable) : 5-40 nm Specific Surface Area: 50-250 m ² /g	\$100/g Negotiable	1-50g >50g
TNWIGNP-CNTs	Industrial Graphite Nanoplatelet CNTs Composite Aqueous Paste Purity:>90wt% GNP and CNTs Content: 5wt% GNP and CNTs composition proportion 4:1adjustable Dispersant Content: 0.5-1.5wt% Layers: <30 Median size d(0.5): 3-6um	\$67/kg Negotiable	1-10kg >10kg
TNNIGNP-CNTs	Industrial Graphite Nanoplatelet CNTs Composite NMP Paste	\$ 67/kg Negotiable	1-10kg >10kg

Purity:>90wt%
 GNP and CNTs Content: 5wt%
 GNP and CNTs composition proportion
 4:1adjustable
 Dispersant Content: 0.5-1.5wt%
 layers: <30
 Median size d(0.5): 3-6um

2 SWCNTs Products

2.1 High Purity Single-walled Carbon Nanotubes(Purity>95%)(moving catalyst method)

Product Model	Description	Price	
TNST	High Purity SWCNTs (moving catalyst method)	\$200/g	<50g
SWCNTs	Purity:>95wt%	Negociable 50g-500g	
95%	OD:<2nm	Negociable 500g-5kg	
	Length:5-30 μm		
	SSA:>490 m^2/g		
	ASH: <5wt%		
	Ignited Temperature: >610 $^{\circ}\text{C}$		
	EC:>100s/cm		
	Making method:CVD		
	Appearance: Black powder		
	Min Order: 1g		

2.2 High Purity Single-walled Carbon Nanotubes(Purity>95%)(floating catalyst method)

Product Model	Description	Price	
TNSRP	High Purity SWCNTs (floating catalyst method)	\$85/g	1g-50g
SWCNTs	Purity:>97wt%		
97%	OD:<2nm		
	Length:5-30 μm		
	SSA:>640 m^2/g		
	ASH: <3wt%		
	EC:>100s/cm		
TNSRH	High Purity SWCNTs,-OH functionalized	\$95/g	1g-50g

	(floating catalyst method)		
SWCNTs 95%	Purity:>95wt% OD:<2nm Length:5-30 μm EC:>100s/cm Appearance: Black powder		
TNSRC	High Purity SWCNTs,-COOH functionalized (floating catalyst method)	\$95/g	1g-50g
SWCNTs 95%	Purity:>95wt% OD:<2nm Length:5-30 μm EC:>100s/cm Appearance: Black powder		
TNSRN	High Purity SWCNTs,-NH₂ functionalized (floating catalyst method)	\$110/g	1g-50g
SWCNTs 95%	Purity:>95wt% OD:<2nm Length:5-30 μm EC:>100s/cm Appearance: Black powder		
TNSSR	Short high Purity SWCNTs (floating catalyst method)	\$100/g	1g-50g
SWCNTs 95%	Purity:>95wt% OD:<2nm Length:1-3 μm SSA:>670 m^2/g Appearance: Black powder		
TNSSRH	Short high Purity SWCNTs,-OH functionalized (floating catalyst method)	\$130/g	1g-50g
SWCNTs 95%	Purity:>95wt% OD:<2nm Length:1-3 μm SSA:>630 m^2/g EC:>100s/cm Appearance: Black powder		
TNSSRC	Short high Purity SWCNTs,-COOH functionalized (floating catalyst method)	\$130/g	1g-50g
SWCNTs 95%	Purity:>95wt% OD:<2nm Length:1-3 μm EC:>100s/cm Appearance: Black powder		

2.3 High Purity Large Surface Area Single-walled Carbon Nanotubes

(Purity>95%)

Product Model	Description	Price	
TNSAR	High Purity Large Surface Area SWCNTs	\$130/g	1g-50g
SWCNTs	Purity:>95wt%		
95%	OD:<2nm		
	Length:5-30 μm		
	SSA:>900 m^2/g		
	ASH: <2.5wt%		
	EC:>100s/cm		

2.4 Purified Single-walled Carbon Nanotubes (Purity>90%)

TNS	Purified SWCNTs	\$65/g	<50g
SWCNTs	Purity:>90wt%	\$58/g	50g-500g
90%	OD: 1-2nm	\$52/g	500g-5kg
	Length: 5-30 μm	Negotiable	5kg-50kg
	SSA:>380 m^2/g		
	ASH: <5wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 1g		
TNSH	Purified SWCNTs,-OH functionalized	\$75/g	<50g
SWCNTs	Purity:>90wt%	\$70/g	50g-500g
-OH	-OH Content:3.96wt%	\$65/g	500g-5kg
Functionalized	OD: 1-2nm	Negotiable	5kg-50kg
90%	Length: 5-30 μm		
	SSA:>300 m^2/g		
	ASH: <5wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 1g		
TNSC	Purified SWCNTs,-COOH functionalized	\$75/g	<50g
SWCNTs	Purity:>90wt%	\$70/g	50g-500g
-COOH	-COOH Content:2.73wt%	\$65/g	500g-5kg
Functionalized	OD: 1-2nm	Negotiable	5kg-50kg
90%	Length: 5-30 μm		
	SSA:>320 m^2/g		

ASH: <5wt%
EC:>100s/cm
Making method:CVD
Color: Black
Min Order: 1g

TNSS	Short Purified SWCNTs	\$95/g	<50g
SWCNTs	Purity:>90wt%	\$85/g	50g-500g
Length-tailored	OD: 1-2nm	\$75/g	500g-5kg
90%	Length: 1-3μm	Negotiable	5kg-50kg
	SSA:>340 m ² /g		
	ASH: <5wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 1g		
TNSSH	Short Purified SWCNTs, -OH functionalized	\$118/g	<50g
SWCNTs	Purity:>90wt%	\$106/g	50g-500g
Length-tailored	-OH Content:3.96wt%	\$92/g	500g-5kg
-OH	OD: 1-2nm	Negotiable	5kg-50kg
Functionalized	Length: 1-3μm		
90%	SSA:>380 m ² /g		
	ASH: <5wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 1g		
TNSSC	Short Purified SWCNTs, -COOH functionalized	\$118/g	<50g
SWCNTs	Purity:>90wt%	\$106/g	50g-500g
Length-tailored	-COOH Content:2.73wt%	\$92/g	500g-5kg
-COOH	OD: 1-2nm	Negotiable	5kg-50kg
Functionalized	Length: 1-3μm		
90%	SSA:>380 m ² /g		
	ASH: <5wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 1g		

2.5 Industrial Single-walled Carbon Nanotubes (Purity>60%)

TNIS	Industrial SWCNTs	\$25/g	<50g
SWCNTs	Purity:>60wt%	\$20/g	50g-500g

60%	OD: 1-2nm Length: 5-30μm SSA:>407 m ² /g ASH: <5wt% EC:>100s/cm Making method:CVD Color: Black Min Order: 1g	Negotiable 500g-5kg
TNISH	Industrial SWCNTs, -OH functionalized	\$30/g <50g
SWCNTs	Purity:>60wt%	\$25/g 50g-500g
-OH	-OH Content: 3.96wt%	Negotiable 500g-5kg
Functionalized	OD: 1-2nm	
60%	Length: 5-30μm SSA:>407 m ² /g ASH: <5wt% EC:>100s/cm Making method:CVD Color: Black Min Order: 1g	
TNISC	Industrial SWCNTs, -COOH functionalized	\$30/g <50g
SWCNTs	Purity:>60wt%	\$25/g 50g-500g
-COOH	-COOH Content: 2.73wt%	Negotiable 500g-5kg
Functionalized	OD: 1-2nm	
60%	Length: 5-30μm SSA:>407 m ² /g ASH: <5wt% EC:>100s/cm Making method:CVD Color: Black Min Order: 1g	

2.6 HiPCO,Arc Preparation Single-walled CNTs Dispersion

TNWMHS	Mixed Single-walled CNTs dispersion	\$530/50ml
	CNTs Preparation Technology:HiPCO	
	Purity of SWCNTs:>98wt%	
	Diameter: 0.7-1.1nm	
	Solvent: water	
	Dispersant: surfactant	
TNWMAS	Mixed Single-walled CNTs dispersion	\$500/50ml
	CNTs Preparation Technology:Arc	
	Purity of SWCNTs:>95wt%	
	Diameter: 1.2-1.6nm	

Solvent: water
Dispersant: surfactant

TNWCHS	Semiconducting Single-walled CNTs dispersion CNTs Preparation Technology:HiPCO Purity of semiconductor SWCNTs:>99wt% Diameter: 0.7-1.1nm Solvent: water Dispersant: surfactant	\$860/10ml
TNMCHS	Semiconducting Single-walled CNTs dispersion CNTs Preparation Technology:HiPCO Purity of semiconductor SWCNTs:>99.9wt% Diameter: 0.7-1.1nm Solvent: Dimethylbenzene Dispersant: conjugated polymer	\$1335/20ml
TNMCAS	Semiconducting Single-walled CNTs dispersion CNTs Preparation Technology:Arc Purity of semiconductor SWCNTs:>99.9wt% Diameter: 1.2-1.6nm Solvent: Dimethylbenzene Dispersant: conjugated polymer	\$1000/20ml
TNWMS	Metallic Single-walled CNTs dispersion CNTs Preparation Technology:Hipco Purity of metallic SWCNTs:>90wt% Diameter: 0.8-1.2nm Solvent: water Dispersant: surfactant	\$1000/10ml

3 DWCNTs Products

Product Model	Description	Price	
TND	DWCNTs	\$42/g	<50g
DWCNTs	Purity:>60wt%	\$35/g	50g-500g
60%	OD: 2-4nm	\$30/g	500g-5kg
	Length: ~50μm	\$25/g	5kg-50kg
	SSA: >200m ² /g		
	ASH: <5wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		

	Min Order: 1g		
TNDH	DWCNTs, -OH functionalized	\$48/g	<50g
DWCNTs	Purity:>60wt%	\$42/g	50g-500g
-OH	-OH Content: 2.92wt%	\$37/g	500g-5kg
Functionalized	OD: 2-4nm	\$32/g	5kg-50kg
60%	Length: ~50μm		
	SSA: >200m ² /g		
	ASH: <5wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 1g		
TNDC	DWCNTs, -COOH functionalized	\$48/g	<50g
DWCNTs	Purity:>60wt%	\$42/g	50g-500g
-COOH	-OH Content: 2.58wt%	\$37/g	500g-5kg
Functionalized	OD: 2-4nm	\$32/g	5kg-50kg
60%	Length: ~50μm		
	SSA: >200m ² /g		
	ASH: <5wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 1g		

4 MWCNTs Products

4.1 Purified Multi-walled carbon nanotubes (purity:>98%)

Product Model	Description	Price	
TNM0	Purified MWCNTs	\$5/g	<50g
MWCNTs	Purity:>98wt%	\$3.5/g	50g-500g
98%, 4-8nm	OD: 4-8nm		
	Length: 10-20μm		
	SSA: 350-550m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Min Order: 10g		
TNMP1	Purified MWCNTs	\$5/g	<50g
MWCNTs	Purity:>99wt%	\$3.5/g	50g-500g

99%
 OD: 5-15nm
 Length: 10-30μm
 SSA: 220-300m²/g
 ASH: <1wt%
 EC:>100s/cm
 Making method:CVD
 Color: Black
 Min Order: 10g

TNM1	Purified MWCNTs	\$3.8/g	<50g
MWCNTs	Purity:>98wt%	\$3.0/g	50g-500g
98%	OD: 5-15nm	\$1.5/g	500g-5kg

Length: 10-30μm
 SSA: 220-300m²/g
 ASH: <2wt%
 EC:>100s/cm
 Making method:CVD
 Color: Black
 Min Order: 10g

TNM2	Purified MWCNTs	\$3.8/g	<50g
MWCNTs	Purity:>95wt%	\$3.0/g	50g-500g
95%, 8-15nm	OD: 8-15nm	\$1.5/g	500g-5kg

Length: ~50μm
 SSA: >140m²/g
 ASH: <5wt%
 EC:>100s/cm
 Making method:CVD
 Color: Black
 Min Order: 10g

TNEM3	High-Electrical Conductivity MWCNTs	\$5/g	<50g
MWCNTs	Purity:>90wt%	\$3.5/g	50g-500g
90%, 10-20nm	OD: 10-20nm		

Length: <30μm
 SSA: 230-280m²/g
 Color: Black
 Min Order: 10g

TNM3	Purified MWCNTs	\$2.5/g	<50g
MWCNTs	Purity:>98wt%	\$1.8/g	50g-500g
98%, 10-20nm	OD: 10-20nm	\$1.0/g	500g-5kg

Length: 10-30μm
 SSA: >100m²/g
 ASH: <2wt%
 EC:>100s/cm
 Making method:CVD
 Color: Black

Min Order: 10g			
TNM5	Purified MWCNTs	\$2.5/g	<50g
MWCNTs	Purity:>98wt%	\$1.8/g	50g-500g
98%, 20-30nm	OD:20-30nm	\$1.0/g	500g-5kg
	Length: 10-30μm		
	SSA: >110m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
Min Order: 10g			
TNM7	Purified MWCNTs	\$2.5/g	<50g
MWCNTs	Purity:>98wt%	\$1.8/g	50g-500g
98%, 30-50nm	OD: 30-50nm	\$1.0/g	500g-5kg
	Length: <10μm		
	SSA: >80m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
Min Order: 10g			
TNM8	Purified MWCNTs	\$2.5/g	<50g
MWCNTs	Purity:>98wt%	\$1.8/g	50g-500g
98%, 30-80nm	OD: 30-80nm	\$1.0/g	500g-5kg
	Length: <10μm		
	SSA: >60m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
Min Order: 10g			
TNMH0	Purified MWCNTs, -OH functionalized	\$7/g	<50g
MWCNTs	Purity:>98wt%	\$5/g	50g-500g
98%	OD: 4-8nm		
	Length: 10-20μm		
	SSA: 350-550m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
Min Order: 10g			
TNMPH1	Purified MWCNTs, -OH functionalized	\$7/g	<50g
MWCNTs	Purity:>99wt%	\$5/g	50g-500g
-OH	OD: 5-15nm		
Functionalized	Length: 10-30μm		

99%
SSA: 220-300m²/g
ASH: <1wt%
EC:>100s/cm
Making method:CVD
Color: Black
Min Order: 10g

TNMH1	Purified MWCNTs, -OH functionalized	\$5.2/g	<50g
MWCNTs	Purity:>98wt%	\$4.5/g	50g-500g
-OH	-OH Content:5.58wt%	\$3.5/g	500g-5kg
Functionalized	OD: 5-15nm	\$2.2/g	5kg-50kg

98%
Length: 10-30μm
SSA: 220-300m²/g
ASH: <2wt%
EC:>100s/cm
Making method:CVD
Color: Black
Min Order: 10g

TNMH2	Purified MWCNTs, -OH functionalized	\$5.2/g	<50g
MWCNTs	Purity:>95wt%	\$4.5/g	50g-500g
-OH	-OH Content:3.70wt%	\$3.5/g	500g-5kg
Functionalized	OD: 8-15nm	\$2.2/g	5kg-50kg

95%, 8-15nm
Length: ~50μm
SSA: >130m²/g
ASH: <5wt%
EC:>100s/cm
Making method:CVD
Color: Black
Min Order: 10g

TNEMH3	High-Electrical Conductivity MWCNTs	\$7/g	<50g
-OH MWCNTs	Purity:>90wt%	\$5/g	50g-500g
90%, 10-20nm	OD: 10-20nm		

Length: <30μm
SSA: 230-280m²/g
Color: Black
Min Order: 10g

TNMH3	Purified MWCNTs, -OH functionalized	\$3.8/g	<50g
MWCNTs	Purity:>98wt%	\$3.0/g	50g-500g
-OH	-OH Content:3.06wt%	\$1.8/g	500g-5kg
Functionalized	OD: 10-20nm	\$1.5/g	5kg-50kg

98%, 10-20nm
Length: 10-30μm
SSA: >100m²/g
ASH: <2wt%
EC:>100s/cm
Making method:CVD

Color: Black
Min Order: 10g

TNMH5	Purified MWCNTs, -OH functionalized	\$3.8/g	<50g
MWCNTs	Purity:>98wt%	\$3.0/g	50g-500g
-OH	-OH Content:1.76wt%	\$1.8/g	500g-5kg
Functionalized	OD:20-30nm	\$1.5/g	5kg-50kg
98%, 20-30nm	Length: 10-30μm		
	SSA: >110m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 10g		
TNMH7	Purified MWCNTs, -OH functionalized	\$3.8/g	<50g
MWCNTs	Purity:>98wt%	\$3.0/g	50g-500g
-OH	-OH Content:1.06wt%	\$1.8/g	500g-5kg
Functionalized	OD: 30-50nm	\$1.5/g	5kg-50kg
98%, 30-50nm	Length: <10μm		
	SSA: >100m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 10g		
TNMH8	Purified MWCNTs, -OH functionalized	\$3.8/g	<50g
MWCNTs	Purity:>98wt%	\$3.0/g	50g-500g
-OH	-OH Content:0.71wt%	\$1.8/g	500g-5kg
Functionalized	OD: 30-80nm	\$1.5/g	5kg-50kg
98%, 30-80nm	Length: <10μm		
	SSA: >60m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 10g		
TNMC0	Purified MWCNTs, -COOH functionalized	\$7/g	<50g
MWCNTs	Purity:>98wt%	\$5/g	50g-500g
98%	OD: 4-8nm		
	Length: 10-20μm		
	SSA: 350-550m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Min Order: 10g		

TNMPC1	Purified MWCNTs, -OH functionalized	\$7/g	<50g
MWCNTs	Purity:>99wt%	\$5/g	50g-500g
-COOH	OD: 5-15nm		
Functionalized	Length: 10-30μm		
99%	SSA: 220-300m ² /g		
	ASH: <1wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 10g		
TNMC1	Purified MWCNTs, -COOH functionalized	\$5.2/g	<50g
MWCNTs	Purity:>98wt%	\$4.5/g	50g-500g
-COOH	-COOH Content: 3.86wt%	\$3.5/g	500g-5kg
Functionalized	OD: 5-15nm	\$2.2/g	5kg-50kg
98%	Length: 10-30μm		
	SSA: 220-300m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 10g		
TNMC2	Purified MWCNTs, -COOH functionalized	\$5.2/g	<50g
MWCNTs	Purity:>95wt%	\$4.5/g	50g-500g
-COOH	-COOH Content: 2.56wt%	\$3.5/g	500g-5kg
Functionalized	OD: 8-15nm	\$2.2/g	5kg-50kg
95%, 8-15nm	Length: ~50μm		
	SSA: >130m ² /g		
	ASH: <5wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
TNEMC3	High-Electrical Conductivity MWCNTs	\$7/g	<50g
-COOH	Purity:>90wt%	\$5/g	50g-500g
MWCNTs	OD: 10-20nm		
90%, 10-20nm	Length: <30μm		
	SSA: 230-280m ² /g		
	Color: Black		
	Min Order: 10g		
TNMC3	Purified MWCNTs, -COOH functionalized	\$3.8/g	<50g
MWCNTs	Purity:>98wt%	\$3.0/g	50g-500g
-COOH	-COOH Content: 2.00wt%	\$1.8/g	500g-5kg
Functionalized	OD: 10-20nm	\$1.5/g	5kg-50kg
98%, 10-20nm	Length: 10-30μm		

SSA: >90m²/g
 ASH: <2wt%
 EC:>100s/cm
 Making method:CVD
 Color: Black
 Min Order: 10g

TNMC5	Purified MWCNTs, -COOH functionalized	\$3.8/g	<50g
MWCNTs	Purity:>98wt%	\$3.0/g	50g-500g
-COOH	-COOH Content:1.23wt%	\$1.8/g	500g-5kg
Functionalized	OD:20-30nm	\$1.5/g	5kg-50kg
98%, 20-30nm	Length: 10-30μm		
	SSA: >110m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 10g		
TNMC7	Purified MWCNTs, -COOH functionalized	\$3.8/g	<50g
MWCNTs	Purity:>98wt%	\$3.0/g	50g-500g
-COOH	-COOH Content: 0.73wt%	\$1.8/g	500g-5kg
Functionalized	OD: 30-50nm	\$1.5/g	5kg-50kg
98%, 30-50nm	Length: <10μm		
	SSA: >90m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 10g		
TNMC8	Purified MWCNTs, -COOH functionalized	\$3.8/g	<50g
MWCNTs	Purity:>98wt%	\$3.0/g	50g-500g
-COOH	-COOH Content: 0.49wt%	\$1.8/g	500g-5kg
Functionalized	OD: 30-80nm	\$1.5/g	5kg-50kg
98%	Length: <10μm		
	SSA: >60m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 10g		

4.2 Short Purified Multi-walled carbon nanotubes (purity:>98%)

Product Model	Description	Price	
TNSM0	Short Purified MWCNTs	\$10/g	<50g

MWCNTs 98%	Purity:>98wt% OD: 4-8nm Length: 0.5-2μm SSA: 380-550m ² /g ASH: <2wt% EC:>100s/cm Making method:CVD Min Order: 5g	\$8.5/g	50g-500g
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TNSM1	Short Purified MWCNTs	\$8.0/g	<50g
MWCNTs	Purity:>98wt%	\$7.5/g	50g-500g
Length-tailored	OD: 5-15nm	\$6.2/g	500g-5kg
98%	Length: 0.5-2μm	\$4.8/g	5kg-50kg
	SSA: >270m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 5g		

TNSM2	Short Purified MWCNTs	\$8.0/g	<50g
MWCNTs	Purity:>95wt%	\$7.5/g	50g-500g
Length-tailored	OD: 8-15nm	\$6.2/g	500g-5kg
95%, 8-15nm	Length: 0.5-2μm	\$4.8/g	5kg-50kg
	SSA: >160m ² /g		
	ASH: <5wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 5g		

TNSM3	Short Purified MWCNTs	\$6.0/g	<50g
MWCNTs	Purity:>98wt%	\$4.5/g	50g-500g
Length-tailored	OD: 10-20nm	\$3.8/g	500g-5kg
98%, 10-20nm	Length: 0.5-2μm	\$2.5/g	5kg-50kg
	SSA: >100m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 5g		

TNSM5	Short Purified MWCNTs	\$6.0/g	<50g
MWCNTs	Purity:>98wt%	\$4.5/g	50g-500g
Length-tailored	OD:20-30nm	\$3.8/g	500g-5kg
98%, 20-30nm	Length: 0.5-2μm	\$2.5/g	5kg-50kg
	SSA: >120m ² /g		
	ASH: <2wt%		

EC:>100s/cm
Making method:CVD
Color: Black
Min Order: 5g

TNSM7	Short Purified MWCNTs	\$6.0/g	<50g
MWCNTs	Purity:>98wt%	\$4.5/g	50g-500g
Length-tailored	OD: 30-50nm	\$3.8/g	500g-5kg
98%, 30-50nm	Length: 0.5-2μm	\$2.5/g	5kg-50kg

SSA: >80m²/g
ASH: <2wt%
EC:>100s/cm
Making method:CVD
Color: Black
Min Order: 5g

TNSM8	Short Purified MWCNTs	\$6.0/g	<50g
MWCNTs	Purity:>98wt%	\$4.5/g	50g-500g
Length-tailored	OD: 30-80nm	\$3.8/g	500g-5kg
98%	Length: 0.5-2μm	\$2.5/g	5kg-50kg

SSA: >70m²/g
ASH: <2wt%
EC:>100s/cm
Making method:CVD
Color: Black
Min Order: 5g

TNSMH0	Short Purified MWCNTs, -OH functionalized	\$12/g	<50g
MWCNTs	Purity:>98wt%	\$10/g	50g-500g
98%	OD: 4-8nm		

Length: 0.5-2μm
SSA: 380-550m²/g
ASH: <2wt%
EC:>100s/cm
Making method:CVD
Min Order: 5g

TNSMH1	Short Purified MWCNTs, -OH functionalized	\$10.0/g	<50g
MWCNTs	Purity:>98wt%	\$9.0/g	50g-500g
Length-tailored	-OH Content:5.58wt%	\$7.8/g	500g-5kg
-OH	OD: 5-15nm	\$6.0/g	5kg-50kg

Length: 0.5-2μm
SSA: >270m²/g
ASH: <2wt%
EC:>100s/cm
Making method:CVD
Color: Black
Min Order: 5g

TNSMH2	Short Purified MWCNTs, -OH functionalized	\$10.0/g	<50g
MWCNTs	Purity:>95wt%	\$9.0/g	50g-500g
Length-tailored	-OH Content:3.70wt%	\$7.8/g	500g-5kg
-OH	OD: 8-15nm	\$6.0/g	5kg-50kg
Functionalized	Length: 0.5-2μm		
95%, 8-15nm	SSA: >160m ² /g		
	ASH: <5wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 5g		
TNSMH3	Short Purified MWCNTs, -OH functionalized	\$7.5/g	<50g
MWCNTs	Purity:>98wt%	\$5.8/g	50g-500g
Length-tailored	-OH Content:3.06wt%	\$4.6/g	500g-5kg
-OH	OD: 10-20nm	\$3.2/g	5kg-50kg
Functionalized	Length: 0.5-2μm		
98%, 10-20nm	SSA: >100m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 5g		
TNSMH5	Short Purified MWCNTs, -OH functionalized	\$7.5/g	<50g
MWCNTs	Purity:>98wt%	\$5.8/g	50g-500g
Length-tailored	-OH Content:1.76wt%	\$4.6/g	500g-5kg
-OH	OD:20-30nm	\$3.2/g	5kg-50kg
Functionalized	Length: 0.5-2μm		
98%, 20-30nm	SSA: >160m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 5g		
TNSMH7	Short Purified MWCNTs, -OH functionalized	\$7.5/g	<50g
MWCNTs	Purity:>98wt%	\$5.8/g	50g-500g
Length-tailored	-OH Content:1.06wt%	\$4.6/g	500g-5kg
-OH	OD: 30-50nm	\$3.2/g	5kg-50kg
Functionalized	Length:0.5-2μm		
98%, 30-50nm	SSA: >80m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 5g		

TNSMH8	Short Purified MWCNTs, -OH functionalized	\$7.5/g	<50g
MWCNTs	Purity:>98wt%	\$5.8/g	50g-500g
Length-tailored	-OH Content:0.71wt%	\$4.6/g	500g-5kg
-OH	OD: 30-80nm	\$3.2/g	5kg-50kg
Functionalized	Length: 0.5-2μm		
98%, 30-80nm	SSA: >70m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 5g		
TNSMC0	Short Purified MWCNTs, -COOH functionalized	\$12/g	<50g
MWCNTs	Purity:>98wt%	\$10/g	50g-500g
98%	OD: 4-8nm		
	Length: 0.5-2μm		
	SSA: 380-550m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Min Order:5g		
TNSMC1	Short Purified MWCNTs, -COOH functionalized	\$10.0/g	<50g
MWCNTs	Purity:>98wt%	\$9.0/g	50g-500g
Length-tailored	-COOH Content: 3.86wt%	\$7.8/g	500g-5kg
-COOH	OD: 5-15nm	\$6.0/g	5kg-50kg
Functionalized	Length: 0.5-2μm		
98%	SSA: >270m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 5g		
TNSMC2	Short Purified MWCNTs, -COOH functionalized	\$10.0/g	<50g
MWCNTs	Purity:>95wt%	\$9.0/g	50g-500g
Length-tailored	-COOH Content: 2.56wt%	\$7.8/g	500g-5kg
-COOH	OD: 8-15nm	\$6.0/g	5kg-50kg
Functionalized	Length: 0.5-2μm		
95%, 8-15nm	SSA: >160m ² /g		
	ASH: <5wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 5g		
TNSMC3	Short Purified MWCNTs, -COOH functionalized	\$7.5/g	<50g
MWCNTs	Purity:>98wt%	\$5.8/g	50g-500g

Length-tailored	-COOH Content: 2.00wt%	\$4.6/g	500g-5kg
-COOH	OD: 10-20nm	\$3.2/g	5kg-50kg
Functionalized	Length: 0.5-2 μ m		
98%, 10-20nm	SSA: >100m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 5g		
TNSMC5	Short Purified MWCNTs, -COOH functionalized	\$7.5/g	<50g
MWCNTs	Purity:>98wt%	\$5.8/g	50g-500g
Length-tailored	-COOH Content: 1.23wt%	\$4.6/g	500g-5kg
-COOH	OD:20-30nm	\$3.2/g	5kg-50kg
Functionalized	Length: 0.5-2 μ m		
98%, 20-30nm	SSA: >150m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 5g		
TNSMC7	Short Purified MWCNTs, -COOH functionalized	\$7.5/g	<50g
MWCNTs	Purity:>98wt%	\$5.8/g	50g-500g
Length-tailored	-COOH Content: 0.73wt%	\$4.6/g	500g-5kg
-COOH	OD: 30-50nm	\$3.2/g	5kg-50kg
Functionalized	Length:0.5-2 μ m		
98%, 30-50nm	SSA: >80m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 5g		
TNSMC8	Short Purified MWCNTs, -COOH functionalized	\$7.5/g	<50g
MWCNTs	Purity:>98wt%	\$5.8/g	50g-500g
Length-tailored	-COOH Content: 0.49wt%	\$4.6/g	500g-5kg
-COOH	OD: 30-80nm	\$3.2/g	5kg-50kg
Functionalized	Length: 0.5-2 μ m		
98%	SSA: >70m ² /g		
	ASH: <2wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 5g		

4.3 Graphitized Multi-walled carbon nanotubes (purity:>99%)

Product Model	Description	Price	
TNGM2	Graphitized MWCNTs	\$5.2/g	<50g
MWCNTs	Purity:>99wt%	\$4.2/g	50g-500g
Graphitized	OD: 8-15nm	\$3.7/g	500g-5kg
99%, 8-15nm	Length: 10-50μm	\$3.0/g	5kg-50kg
	SSA: >90m ² /g		
	ASH: <1wt%		
	Making method:CVD		
	Heat treatment temperature:2800℃		
	Color: Black		
	Min Order: 10g		
TNGM3	Graphitized MWCNTs	\$5.2/g	<50g
MWCNTs	Purity:>99wt%	\$3.6/g	50g-500g
Graphitized	OD: 10-20nm	\$3.0/g	500g-5kg
99%, 10-20nm	Length: 5-30μm		
	SSA: 80-100m ² /g		
	ASH: <1wt%		
	Making method:CVD		
	Heat treatment temperature:2800℃		
	Color: Black		
	Min Order: 10g		
TNGM5	Graphitized MWCNTs	\$5.2/g	<50g
MWCNTs	Purity:>99wt%	\$3.6/g	50g-500g
Graphitized	OD:20-30nm	\$3.0/g	500g-5kg
99%, 20-30nm	Length: 5-30μm		
	SSA: >50m ² /g		
	ASH: <1wt%		
	Making method:CVD		
	Heat treatment temperature:2800℃		
	Color: Black		
	Min Order: 10g		
TNGM7	Graphitized MWCNTs	\$5.2/g	<50g
MWCNTs	Purity:>99wt%	\$3.6/g	50g-500g
Graphitized	OD: 30-50nm	\$3.0/g	500g-5kg
99%, 30-50nm	Length: <10μm		
	SSA: >50m ² /g		
	ASH: <1wt%		
	Making method:CVD		
	Heat treatment temperature:2800℃		
	Color: Black		
	Min Order: 10g		

TNGM8	Graphitized MWCNTs	\$5.2/g	<50g
MWCNTs	Purity:>99wt%	\$3.6/g	50g-500g
Graphitized	OD: 30-80nm	\$3.0/g	500g-5kg
99%	Length: <10μm		
	SSA: >60m ² /g		
	ASH: <1wt%		
	Making method:CVD		
	Heat treatment temperature:2800℃		
	Color: Black		
	Min Order: 10g		
TNGMH2	Graphitized MWCNTs, -OH functionalized	\$6.8/g	<50g
MWCNTs	Purity:>99wt%	\$5.5/g	50g-500g
Graphitized	-OH Content:1.85wt%	\$4.8/g	500g-5kg
-OH	OD: 8-15nm	\$3.9/g	5kg-50kg
Functionalized	Length: 10-50μm		
99%, 8-15nm	SSA: >117m ² /g		
	ASH: <1wt%		
	EC:100s/cm		
	Making method:CVD		
	Heat treatment temperature:2800℃		
	Color: Black		
	Min Order: 10g		
TNGMH3	Graphitized MWCNTs, -OH functionalized	\$6.8/g	<50g
MWCNTs	Purity:>99wt%	\$4.7/g	50g-500g
Graphitized	-OH Content: 1.53wt%	\$3.9/g	500g-5kg
-OH	OD: 10-20nm	\$3.2/g	5kg-50kg
Functionalized	Length: 5-30μm		
99%, 10-20nm	SSA: 80-100m ² /g		
	ASH: <1wt%		
	EC:100s/cm		
	Making method:CVD		
	Heat treatment temperature:2800℃		
	Color: Black		
	Min Order: 10g		
TNGMH5	Graphitized MWCNTs, -OH functionalized	\$6.8/g	<50g
MWCNTs	Purity:>99wt%	\$4.7/g	50g-500g
Graphitized	-OH Content: 0.88wt%	\$3.9/g	500g-5kg
-OH	OD:20-30nm	\$3.2/g	5kg-50kg
Functionalized	Length: 5-30μm		
99%, 20-30nm	SSA: >50m ² /g		
	ASH: <1wt%		
	EC:100s/cm		
	Making method:CVD		
	Heat treatment temperature:2800℃		

Color: Black
Min Order: 10g

TNGMH7	Graphitized MWCNTs, -OH functionalized	\$6.8/g	<50g
MWCNTs	Purity:>99wt%	\$4.7/g	50g-500g
Graphitized	-OH Content: 0.53wt%	\$3.9/g	500g-5kg
-OH	OD: 30-50nm	\$3.2/g	5kg-50kg
Functionalized	Length: <10μm		
99%, 30-50nm	SSA: >50m ² /g		
	ASH: <1wt%		
	EC:100s/cm		
	Making method:CVD		
	Heat treatment temperature:2800℃		
	Color: Black		
	Min Order: 10g		
TNGMH8	Graphitized MWCNTs, -OH functionalized	\$6.8/g	<50g
MWCNTs	Purity:>99wt%	\$4.7/g	50g-500g
Graphitized	-OH Content: 0.36wt%	\$3.9/g	500g-5kg
-OH	OD: 30-80nm	\$3.2/g	5kg-50kg
Functionalized	Length: <10μm		
99%	SSA: >50m ² /g		
	ASH: <1wt%		
	EC:100s/cm		
	Making method:CVD		
	Heat treatment temperature:2800℃		
	Color: Black		
	Min Order: 10g		
TNGMC2	Graphitized MWCNTs, -COOH functionalized	\$6.8/g	<50g
MWCNTs	Purity:>99wt%	\$5.5/g	50g-500g
Graphitized	-COOH Content: 1.28wt%	\$4.8/g	500g-5kg
-COOH	OD: 8-15nm	\$3.9/g	5kg-50kg
Functionalized	Length:10-50μm		
99%, 8-15nm	SSA: >117m ² /g		
	ASH: <1wt%		
	EC:100s/cm		
	Making method:CVD		
	Heat treatment temperature:2800℃		
	Color: Black		
	Min Order: 10g		
TNGMC3	Graphitized MWCNTs, -COOH functionalized	\$6.8/g	<50g
MWCNTs	Purity:>99wt%	\$4.7/g	50g-500g
Graphitized	-COOH Content: 1.00wt%	\$3.9/g	500g-5kg
-COOH	OD: 10-20nm	\$3.2/g	5kg-50kg
Functionalized	Length: 5-30μm		
99%, 10-20nm	SSA: 80-100m ² /g		

ASH: <1wt%
 EC:100s/cm
 Making method:CVD
 Heat treatment temperature:2800℃
 Color: Black
 Min Order: 10g

TNGMC5	Graphitized MWCNTs, -COOH functionalized	\$6.8/g	<50g
MWCNTs	Purity:>99wt%	\$4.7/g	50g-500g
Graphitized	-COOH Content: 0.61wt%	\$3.9/g	500g-5kg
-COOH	OD:20-30nm	\$3.2/g	5kg-50kg
Functionalized	Length: 5-30μm		
99%, 20-30nm	SSA: >50m ² /g		
	ASH: <1wt%		
	EC:100s/cm		
	Making method:CVD		
	Heat treatment temperature:2800℃		
	Color: Black		
	Min Order: 10g		
TNGMC7	Graphitized MWCNTs, -COOH functionalized	\$6.8/g	<50g
MWCNTs	Purity:>99wt%	\$4.7/g	50g-500g
Graphitized	-COOH Content: 0.36wt%	\$3.9/g	500g-5kg
-COOH	OD: 30-50nm	\$3.2/g	5kg-50kg
Functionalized	Length: <10μm		
99%, 30-50nm	SSA: >50m ² /g		
	ASH: <1wt%		
	EC:100s/cm		
	Making method:CVD		
	Heat treatment temperature:2800℃		
	Color: Black		
	Min Order: 10g		
TNGMC8	Graphitized MWCNTs, -COOH functionalized	\$6.8/g	<50g
MWCNTs	Purity:>99wt%	\$4.7/g	50g-500g
Graphitized	-COOH Content: 0.25wt%	\$3.9/g	500g-5kg
-COOH	OD: 30-80nm	\$3.2/g	5kg-50kg
Functionalized	Length: <10μm		
99%	SSA: >50m ² /g		
	ASH: <1wt%		
	EC:100s/cm		
	Making method:CVD		
	Heat treatment temperature:2800℃		
	Color: Black		
	Min Order: 10g		

4.4 Ni Coated Multi-walled carbon nanotubes

Product Model	Description	Price	
TNNiM2	Ni Coated MWCNTs	\$6.7/g	<50g
MWCNTs	OD: 8-15nm	\$5.3/g	50g-500g
Ni Coated 8-15nm	Length: ~50μm CNTs Content : >38wt% Ni Content: >60wt% Making method:CVD Color: Black Min Order: 10g	\$3.8/g	500g-5kg
TNNiM3	Ni Coated MWCNTs	\$5.0/g	<50g
MWCNTs	OD: 10-20nm	\$4.2/g	50g-500g
Ni Coated 10-20nm	Length: 10-30μm CNTs Content : >38wt% Ni Content: >60wt% Making method:CVD Color: Black Min Order: 10g	\$3.5/g	500g-5kg
TNNiM5	Ni Coated MWCNTs	\$5.0/g	<50g
MWCNTs	OD:20-30nm	\$4.2/g	50g-500g
Ni Coated 20-30nm	Length: 10-30μm CNTs Content : >38wt% Ni Content: >60wt% Making method:CVD Color: Black Min Order: 10g	\$3.5/g	500g-5kg
TNNiM7	Ni Coated MWCNTs	\$5.0/g	<50g
MWCNTs	OD: 30-50nm	\$4.2/g	50g-500g
Ni Coated 30-50nm	Length: <10μm CNTs Content : >38wt% Ni Content: >60wt% Making method:CVD Color: Black Min Order: 10g	\$3.5/g	500g-5kg
TNNiM8	Ni Coated MWCNTs	\$5.0/g	<50g
MWCNTs	OD: 30-80nm	\$4.2/g	50g-500g
Ni Coated 30-80nm	Length: <10μm CNTs Content : >38wt% Ni Content: >60wt% Making method:CVD Color: Black Min Order: 10g	\$3.5/g	500g-5kg

4.5 Other Special Multi-walled carbon nanotubes

Product Model	Description	Price	
TNLIM	Large-inner Thin-walled MWCNTs	\$6.5/g	<50g
MWCNTs	Purity:>60wt%	\$4.8/g	50g-500g
Large-inner	OD: 30-60nm		
Thin-wall	Length: 1-10 μ m		
70%,30-60nm	SSA: >100m ² /g		
	ASH: <2.0wt%		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 10g		
TNFIM	Flash-ignited MWCNTs	\$8.2/g	<50g
MWCNTs	OD:2-50nm	\$7.0/g	50g-500g
Flash-ignited	Length:~50 μ m	Negotiable 500g-5kg	
2-50nm	Fe content: <25%		
	CNT content:>50%		
	SSA: >300m ² /g		
	EC:>100s/cm		
	Making method:CVD		
	Min Order: 10g		
TNAIM	Aligned MWCNTs	\$6.5g	<50g
MWCNTs	Purity:>98wt%	\$4.8/g	50g-500g
Aligned	OD:10-20nm	Negotiable 500g-5kg	
10-20nm	Length: 30-100 μ m		
	SSA: >150m ² /g		
	ASH: <2.0wt%		
	Ignited Temperature: 661 $^{\circ}$ C		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 10g		
TNHIM	Helical MWCNTs	\$6.5/g	<50g
MWCNTs	OD: 100-200nm	\$4.8/g	50g-500g
Helical	Length: 1-10 μ m	Negotiable 500g-5kg	
100-200nm	CNTs Content : >90wt%		
	Helical CNTs Content: >60wt%		
	SSA: >30m ² /g		
	ASH: <5.0wt%		
	Ignited Temperature: 560-600 $^{\circ}$ C		

	Making method:CVD		
	Min Order: 10g		
TNMN2	MWCNTs, -NH₂ functionalized	\$6.5/g	<50g
MWCNTs	Purity:>95wt%	\$4.8/g	50g-500g
-NH ₂	-NH ₂ Content: 0.45wt%		Negotiable 500g-5kg
Functionalized	OD: 8-15nm		
95%, 8-15nm	Length: ~50μm		
	SSA: >233m ² /g		
	ASH: <1.5wt%		
	EC: >100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 10g		
TNWCF	Carbon Nano Fibers	\$2.5/g	<50g
	Purity:>95wt%	\$1.8/g	50g-500g
	OD: 50-200nm	\$0.7/g	500g-5kg
	Length: 1-15μm		
	EC:>100s/cm		
	Making method:CVD		
	Appearance: Black Powder		
	Min Order: 10g		
TNWCFH	-OH Carbon Nano Fibers	\$4.2/g	<50g
	Purity:>95wt%	\$2.5/g	50g-500g
	OD: 50-200nm	\$1.3-1.7/g	500g-5kg
	Length: 1-15μm		
	EC:>100s/cm		
	Making method:CVD		
	Appearance: Black Powder		
	Min Order: 10g		
TNWCFC	-COOH Carbon Nano Fibers	\$4.2/g	<50g
	Purity:>95wt%	\$2.5/g	50g-500g
	OD: 50-200nm	\$1.3-1.7/g	500g-5kg
	Length: 1-15μm		
	EC:>100s/cm		
	Making method:CVD		
	Appearance: Black Powder		
	Min Order: 10g		
TNWCFCN	-NH₂ Carbon Nano Fibers	\$6.5/g	<50g
	Purity:>95wt%	\$4.8/g	50g-500g
	OD: 50-200nm	\$3.3-4.3/g	500g-5kg
	Length: 1-15μm		
	EC:>100s/cm		
	Making method:CVD		
	Appearance: Black Powder		

	Min Order: 10g		
TNGCF	Carbon Nano Fibers	\$3.3/g	<50g
	Purity:>99.9wt%	\$2.3/g	50g-500g
	OD: 50-200nm	\$1/g	500g-5kg
	Length: 1-15μm		
	EC:>100s/cm		
	Making method:CVD		
	Appearance: Black Powder		
	Min Order: 10g		
TNMCN7	N-doped MWCNTs	\$6.5/g	<50g
N-doped	Purity:>98wt%	\$4.8/g	50g-500g
MWCNTs	N Content: >2.5 wt%		
98%,30-80nm	OD: 30-80 nm		
	Length: 10-30μm		
	SSA: >30m ² /g		
	Ignited temperature: 460°C		
	EC:>100s/cm		
	Making method:CVD		
	Color: Black		
	Min Order: 10g		

5 Industrial MWCNTs Products

Product Model	Description	Price	
TNIM190F	Industrial MWCNTs	\$150/kg	1-10kg
MWCNTs	Purity:>95wt%	\$83/kg	10-100kg
Industrial	OD: 4-8nm	Negociable >100kg	
95%,4-8nm	Length: 10-20μm		
	SSA: 350-550m ² /g		
	Making method:CVD		
	Color: Black		
	Min Order: 1kg		
TNIM190FC	Industrial –COOH Functionalized MWCNTs	\$250/kg	1-10kg
MWCNTs	Purity:>95wt%	\$166/kg	10-100kg
Industrial	OD: 4-8nm	Negociable >100kg	
95%,4-8nm	Length: 10-20μm		
	Making method:CVD		
	Color: Black		
	Min Order: 1kg		
TNIM1	Industrial MWCNTs	\$83/kg	1-10kg
MWCNTs	Purity:>95wt%	\$50/kg	10-100kg
Industrial	OD: 5-15nm	Negociable >100kg	

95%,5-15nm
Length: 10-30μm
SSA: 220-300m²/g
ASH: <3.0wt%
Making method:CVD
Color: Black
Min Order: 1kg

TNIMH1	Industrial –OH Functionalized MWCNTs	\$170/kg 1-10kg
MWCNTs	Purity:>95wt%	\$100/kg 10-100kg
Industrial	OD: 5-15nm	Negotiable >100kg

95%,5-15nm
Length: 10-30μm
ASH: <3.0wt%
Making method:CVD
Color: Black
Min Order: 1kg

TNIMC1	Industrial –COOH Functionalized MWCNTs	\$200/kg 1-10kg
MWCNTs	Purity:>95wt%	\$133/kg 10-100kg
Industrial	OD: 5-15nm	Negotiable >100kg

95%,5-15nm
Length: 10-30μm
ASH: <3.0wt%
Making method:CVD
Color: Black
Min Order: 1kg

TNIM2	Industrial MWCNTs	\$100/kg 1-10kg
MWCNTs	Purity:>95wt%	\$50/kg 10-100kg
Industrial	OD: 8-15nm	Negotiable >100kg

95%, 8-15nm
Length: 30-50μm
SSA: >230m²/g
ASH: <3.0wt%
Making method:CVD
Color: Black
Min Order: 1kg

TNIMC2	Industrial –COOH Functionalized MWCNTs	\$200/kg 1-10kg
MWCNTs	Purity:>95wt%	\$133/kg 10-100kg
Industrial	OD: 8-15nm	Negotiable >100kg

95%, 8-15nm
Length: 30-50μm
ASH: <3.0wt%
Making method:CVD
Min Order: 1kg

TNIM298F	Industrial MWCNTs	\$100/kg 1-10kg
MWCNTs	Purity:>95wt%	\$66/kg 10-100kg
Industrial	OD: 8-15nm	Negotiable >100kg

95%, 8-15nm
Length: 30-50μm
ASH: <2.0wt%
Making method:CVD

Min Order: 1kg

TNVM3	Industrial Vertically Aligned MWCNTs	\$1.7/g	100-500g
MWCNTs	Purity:>85wt%	\$1/g	500-1000g
Industrial	OD:10-20nm	\$0.7/g	>1kg
85%,10-20nm	Length: 10-20μm		
	SSA: 180-220m ² /g		
	Making method:CVD		
	Color: Black		
	Min Order:100g		
TNIM3	Industrial MWCNTs	\$83/kg	1-10kg
MWCNTs	Purity:>95wt%	\$50/kg	10-100kg
Industrial	OD: 10-20nm		Negotiable >100kg
95%, 10-20nm	Length: 20-100μm		
	SSA: >150m ² /g		
	ASH: <3.0wt%		
	Making method:CVD		
	Color: Black		
	Min Order: 1kg		
TNNF-6	Industrial MWCNTs	\$100/kg	1-10kg
MWCNTs	Purity:>95wt%	\$66/kg	10-100kg
Industrial	OD: 10-20nm		Negotiable >100kg
95%, 10-20nm	Length: 5-20μm		
	SSA: >120m ² /g		
TNIM4	Industrial MWCNTs	\$117/kg	1-10kg
MWCNTs	Purity:>95wt%	\$83/kg	10-100kg
Industrial	OD: 10-30nm		Negotiable >100kg
95%, 10-30nm	Length: 10-30μm		
	SSA: >110m ² /g		
	ASH: <5.0wt%		
	Making method:CVD		
	Color: Black		
	Min Order: 1kg		
TNIM6	Industrial MWCNTs	\$83/kg	1-10kg
MWCNTs	Purity:>95wt%	\$75/kg	10-100kg
Industrial	OD: 20-40nm		Negotiable >100kg
95%, 20-40nm	Length: 10-30μm		
	SSA: >80m ² /g		
	ASH: <5.0wt%		
	Making method:CVD		
	Color: Black		
	Min Order: 1kg		
TNIM8	Industrial MWCNTs	\$83/kg	1-10kg
MWCNTs	Purity:>95wt%	\$67/kg	10-100kg

Industrial
95%
OD: 30-80nm
Length: <10μm
SSA: >60m²/g
ASH: <5.0wt%
Making method:CVD
Color: Black
Min Order: 1kg
Negociable >100kg

TNIMH4	Industrial MWCNTs, -OH functionalized	\$200/kg 1-10kg
MWCNTs	Purity:>95wt%	\$120/kg 10-100kg
Industrial	-OH Content: 2.48wt%	Negociable >100kg
-OH	OD: 10-30nm	
Functionalized	Length: 10-30μm	
95%, 10-30nm	SSA: >110m ² /g	
	ASH: <5.0wt%	
	Making method:CVD	
	Color: Black	
	Min Order: 1kg	

TNIMH6	Industrial MWCNTs, -OH functionalized	\$166/kg 1-10kg
MWCNTs	Purity:>95wt%	\$110/kg 10-100kg
Industrial	-OH Content: 1.63 wt%	Negociable >100kg
-OH	OD: 20-40nm	
Functionalized	Length: 10-30μm	
95%, 20-40nm	SSA: >80m ² /g	
	ASH: <5.0wt%	
	Making method:CVD	
	Color: Black	
	Min Order: 1kg	

TNIMH8	Industrial MWCNTs, -OH functionalized	\$150/kg 1-10kg
MWCNTs	Purity:>95wt%	\$100/kg 10-100kg
Industrial	-OH Content:0.76wt%	Negociable >100kg
-OH	OD: 30-80nm	
Functionalized	Length: <10μm	
95%	SSA: >60m ² /g	
	ASH: <5.0wt%	
	Making method:CVD	
	Color: Black	
	Min Order: 1kg	

TNIMC4	Industrial MWCNTs, -COOH functionalized	\$200/kg 1-10kg
MWCNTs	Purity:>95wt%	\$150/kg 10-100kg
Industrial	-COOH Content: 1.55wt%	Negociable >100kg
-COOH	OD: 10-30nm	
Functionalized	Length: 10-30μm	
95%, 10-30nm	SSA: >110m ² /g	
	ASH: <5.0wt%	

Making method:CVD

Color: Black

Min Order: 1kg

TNIMC6	Industrial MWCNTs, -COOH functionalized	\$166/kg 1-10kg
MWCNTs	Purity:>95wt%	\$142/kg 10-100kg
Industrial	-COOH Content: 1.43 wt%	Negotiable >100kg
-COOH	ID: 5-10nm	
Functionalized	OD: 20-40nm	
95%, 20-40nm	Length: 10-30μm	
	SSA: >80m ² /g	
	ASH: <5.0wt%	
	Making method:CVD	
	Color: Black	
	Min Order: 1kg	
TNIMC8	Industrial MWCNTs, -COOH functionalized	\$150/kg 1-10kg
MWCNTs	Purity:>95wt%	\$133/kg 10-100kg
Industrial	-COOH Content: 0.51wt%	Negotiable >100kg
-COOH	OD: 30-80nm	
Functionalized	Length: <10μm	
95%	SSA: >60m ² /g	
	ASH: <5.0wt%	
	Making method:CVD	
	Color: Black	
	Min Order: 1kg	
TNIMA1	Multi-walled CNTs cylinders	\$100/kg 1-10kg
	Outer Diameter: 5-15nm	\$600/kg 10-100kg
	Length: 10-30um	Negotiable >100kg
	Tap density: 0.15-0.3g/ml	
	ASH: ≤ 3.0%	
	Appearance: Black particles	

6 CNTs Cloths

Product Model	Description	Price
TNCP	CNTs Paper	\$66/piece
	Size: Diameter Φ12-13cm	
	Thickness:60-90um	
	Strength: 10-15Mpa	
	Metal Content: <1.5%	
	Flexibility: Can be repeated bended	
	Conductivity: 2.5-3.5 x10 ³ S/m	
TNSP	High-conductivity SWCNTs Film	\$83/piece
	Size: Diameter Φ12-13cm	

Thickness:10-20um
Strength: 60-120Mpa
Metal Content: <0.5%
Flexibility: Can be repeated bended
Conductivity: $8 \times 10^4 - 2 \times 10^5$ S/m

TNSP2	High-conductivity magnetic SWCNTs Film	\$83/piece
	Size: Diameter Φ 12-13cm Thickness:10-20um Strength: 60-120Mpa Metal Content: 5% Flexibility: Can be repeated bended Conductivity: $2 - 6 \times 10^4$ S/m	
TNHCF	High-conductivity CNTs Film	\$0.8/cm ²
	Size:10*10cm Thickness:10-15um Metal Content: <10% Strength: 60-120MPa Flexibility: Can be repeated bended Conductivity: $3-8 \times 10^4$ S/m	

7 CNTs Fibers

Product Model	Description	Price
TNF400	Carbon Nanotubes Fibers	\$100/m
	Length:1-1000 m Diameter :60-80 μ m Strength:310-500 MPa Modulus: 4-6 GPa Density: 0.5-0.7g/cm ³ Strain: 5-10% EC: $1 \times 10^5 \sim 2 \times 10^5$ S/m	

8 CNTs Dispersant / Dispersion / Paste

Product Model	Description	Price
TNWDIS	CNTs Water Dispersant	\$20/50g
	Aromatic modified polyethyleneglycol ether in aqueous solution, Non-volatile matter: 90 %	\$40/100g

TNADIS	CNTs Alcohol Dispersant	\$20/50g
	Powder polymer dispersant	\$40/100g
TNHDIS	CNTs hydrocarbon Dispersant	\$20/50g
		\$40/100g
TNRDIS	CNTs Resin Dispersant	\$20/50g
	Solution of high 100% active ingredients, especially suitable for carbon nanotubes dispersion in liquid epoxy resin, liquid polyester polyols and other resin systems.	\$40/100g
TNNDIS	CNTs NMP Dispersant	\$20/50g
	White powder dispersant. Especially suitable for carbon nanotubes dispersion in NMP (n-methylpyrrolidone) solvent.	\$40/100g
TNDA-10	CNTs Dispersant For Plastics	\$33/kg
	Appearance: Transparent、flowable liquid	
TNWDS	High Purity SWCNTs Aqueous Dispersion	\$100/500g
	SWNT Content: 0.2 wt%	
	Composition: SWCNT、non-ionic surfactant、H ₂ O	
	Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	
TNWDSC	-COOH Functionalized High Purified SWCNTs Aqueous Dispersion	\$117/500g
	SWNT-COOH Content:0.2wt%	
	Composition: -COOH SWCNT 、 non-ionic surfactant、H ₂ O	
	Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	
TNWDHS	High concentration SWCNTs aqueous dispersion	\$150/500g
	SWNT Content: 0.4 wt%	
	Composition: SWCNT、surfactant、H ₂ O	
	Stability: centrifuge treatment for 0.5 hour	
TNNDs	High Purity SWCNTs NMP Dispersion	\$142/500ml
	SWNT Content: 0.2-0.3 wt%	
	Composition: SWCNT、dispersant、NMP	
	Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	
TNDDS	High Purity SWCNTs DMF Dispersion	\$142/500ml
	SWNT Content: 0.2-0.3 wt%	
	Composition: SWCNT、dispersant、DMF	
	Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	

TNEDS	High Purity SWCNTs BA Dispersion SWNT Content: 0.2-0.3 wt% Composition: SWCNT、dispersant、BA Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	\$142/500ml
TNADS	High Purity SWCNTs IPA Dispersion SWNT Content: 0.2-0.3 wt% Composition: SWCNT、dispersant、IPA Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	\$142/500ml
TNACDS	High Purity SWCNTs DMAC Dispersion SWNT Content: 0.2-0.3 wt% Composition: SWCNT、dispersant、DMAC Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	\$142/500ml
TNWDM-M8 CNTs: TNM8	MWCNTs Aqueous Dispersion MWCNTs Content: TNM8 10 wt % OD: 30-80nm Composition: TNM8, non-ionic surfactant, H ₂ O Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	\$83/500g
TNWDM-M2 CNTs: TNM1	MWCNTs Aqueous Dispersion MWCNTs Content: TNM1 5 wt % OD: 5-15nm Composition: TNM1, dispersant, H ₂ O Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	\$83/500g
TNWDMC-MC8 CNTs: TNMC8	MWCNTs Aqueous Dispersion MWCNTs Content: TNMC8 10 wt % OD: 30-80nm Composition: TNMC8, non-ionic surfactant, H ₂ O Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	\$100/500g
TNWDMC-MC2 CNTs: TNMC1	MWCNTs Aqueous Dispersion MWCNTs Content: TNMC1 5 wt % OD: 5-15nm Composition: TNMC1, non-ionic surfactant, H ₂ O Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	\$100/500g
TNDDM-M8 CNTs: TNM8	MWNTs N,N-Dimethylformamide Dispersion MWCNTs Content: TNM8 10 wt % OD: 30-80nm Composition: TNM8, dimethylformamide, dispersants Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	\$100/500ml

TNDDM-M2	MWNTs N,N-Dimethylformamide Dispersion	\$108/500ml
CNTs:	MWCNTs Content:	
TNM1	TNM1 2 wt % OD: 5-15nm	
	Composition:TNM1, dimethylformamide, dispersants	
	Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	
TNNDM-M8	MWNTs N-Methyl-2-pyrrolidone Dispersion	\$108/500ml
CNTs:	MWCNTs Content:	
TNM8	TNM8 9-10wt % OD: 30-80nm	
	Composition: TNM8,NMP, dispersants	
	Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	
TNNDM-M2	MWNTs N-Methyl-2-pyrrolidone Dispersion	\$108/500ml
CNTs:	MWCNTs Content:	
TNM1	TNM1 2 wt % OD: 5-15nm	
	Composition:TNM1,NMP, dispersants	
	Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	
TNEDM-M8	MWNTs butyl acetate Dispersion	\$108/500ml
CNTs:	MWCNTs Content:	
TNM8	TNM8 8-10wt % OD: 30-80nm	
	Composition:TNM8, butyl acetate, dispersants	
	Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	
TNEDM-M2	MWNTs butyl acetate Dispersion	\$108/500ml
CNTs:	MWCNTs Content:	
TNM1	TNM1 2wt % OD: 5-15nm	
	Composition:TNM1, butyl acetate, dispersants	
	Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	
TNADM-M8	MWNTs isopropanol Dispersion	\$108/500ml
CNTs:	MWCNTs Content:	
TNM8	TNM8 8-10wt % OD: 30-80nm	
	Composition:TNM8, isopropanol, dispersants	
	Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	
TNADM-M2	MWNTs isopropanol Dispersion	\$108/500ml
CNTs:	MWCNTs Content:	
TNM1	TNM1 2 wt % OD: 5-15nm	
	Composition:TNM1, isopropanol, dispersants	
	Stability: centrifuge treatment for 0.5 hour with 2000 rotation/min	
TNACDM-M8	MWNTs dimethylacetamide Dispersion	\$108/500ml

CNTs:
TNM8

MWCNTs Content:
TNM8 10wt % OD: 30-80nm
Composition:TNM8, dimethylacetamide,
dispersants
Stability: centrifuge treatment for 0.5 hour with
2000 rotation/min

TNACDM-M2	MWNTs isopropanol Dispersion	\$108/500ml
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CNTs:
TNM1

MWCNTs Content:
TNM1 2 wt % OD: 5-15nm
Composition:TNM1, isopropanol, dispersants
Stability: centrifuge treatment for 0.5 hour with
2000 rotation/min

TNDMAM-M8	MWNTs Propylene glycol methyl ether acetate Dispersion	\$108/500ml
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CNTs:
TNM8

MWCNTs Content:
TNM8 10wt % OD: 30-80nm
Composition:TNM8, Propylene glycol methyl
ether acetate, dispersants
Stability: centrifuge treatment for 0.5 hour with
2000 rotation/min

TNDMAM-M2	MWNTs Propylene glycol methyl ether acetate	\$108/500ml
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CNTs:
TNM1

MWCNTs Content:
TNM1 2wt % OD: 5-15nm
Composition:TNM1, Propylene glycol methyl
ether acetate, dispersants
Stability: centrifuge treatment for 0.5 hour with
2000 rotation/min

TNWPS	High Purity SWCNTs H2O Paste	\$67/kg
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SWNT Content: 0.2wt%
Composition: SWCNT、non-ionic surfactant、H2O

TNWPS	High Purity SWCNTs H2O Paste	\$117/kg
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SWNT Content: 0.2wt%
Composition: -COOH SWCNT、non-ionic
surfactant、H2O

TNWPHS	High concentration SWCNTs aqueous dispersion	\$117/kg
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SWNT Content: 0.4wt%
Composition:SWCNT、surfactant、H2O

TNNPS	High Purity SWCNTs NMP Paste	\$150/L
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SWNT Content: 0.2-0.3 wt%
Composition: SWCNT、dispersant、NMP

TNDPS	High Purity SWCNTs DMF Paste	\$150/L
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SWNT Content: 0.2-0.3 wt%
Composition: SWCNT、dispersant、DMF

TNEPS	High Purity SWCNTs BA Paste SWNT Content: 0.2-0.3 wt% Composition: SWCNT、dispersant、BA	\$150/L
TNAPS	High Purity SWCNTs isopropanol Paste SWNT Content: 0.2-0.3 wt% Composition: SWCNT、dispersant、isopropanol	\$150/L
TNACPS	High Purity SWCNTs DMAC Paste SWCNT Content: 0.2-0.3 wt% Composition:SWCNT,dimethylacetamide, dispersant	\$150/L
TNWPM-13-M8 CNTs: TNIM8	High concentration MWCNTs Aqueous Paste MWCNTs Content: TNIM8 12-14wt % OD: 30-80nm Composition: TNIM8, water, dispersant	\$75/kg
TNWPMC-13-MC8 CNTs: TNIMC8	High concentration MWCNTs Aqueous Paste MWCNTs Content: TNIMC8 12-14wt % OD: 30-80nm Composition: TNIMC8, water, dispersant	\$83/kg
TNWPM-M8 CNTs: TNIM8	MWCNTs Aqueous Paste MWCNTs Content: TNIM8 10 wt % OD: 30-80nm Composition:TNIM8, water, dispersant	\$42/kg
TNWPM-M2 CNTs: TNIM1	MWCNTs Aqueous Paste MWCNTs Content: TNIM1 5 wt % OD: 5-15nm Composition:TNIM1, water, dispersant	\$42/kg
TNWPMC-MC8 CNTs: TNIMC8	MWCNTs Aqueous Paste MWCNTs Content: TNIMC8 10 wt % OD: 30-80nm Composition: TNIMC8, water, dispersant	\$50/kg
TNWPMC-MC2 CNTs: TNIMC1	MWCNTs Aqueous Paste MWCNTs Content: TNIMC1 5 wt % OD: 5-15nm Composition:TNIMC1 , water, dispersant	\$50/kg
TNAPM-M8 CNTs: TNIM8	MWNTs Isopropanol Paste MWCNTs Content: TNIM8 8-10wt % OD: 30-80nm Composition:TNIM8,isopropanol, dispersant	\$100/L
TNAPM-M2 CNTs: TNIM1	MWNTs Isopropanol Paste MWCNTs Content: TNIM1 2 wt % OD: 5-15nm Composition: TNIM1, isopropanol, dispersant	\$117/L
TNACPM-M8 CNTs:	MWNTs DMAC Paste MWCNTs Content:	\$117/L

TNIM8	TNIM8 10wt % OD: 30-80nm Composition:TNIM8,dimethylacetamide, dispersant	
TNACPM-M2	MWNTs DMAC Paste	\$117/L
CNTs:	MWCNTs Content:	
TNIM1	TNIM1 2wt % OD: 5-15nm Composition:TNIM1,dimethylacetamide, dispersant	
TNPMAM-M8	MWNTs PMA Paste	\$117/L
CNTs:	MWCNTs Content:	
TNIM8	TNIM8 10wt % OD: 30-80nm Composition:TNIM8, Propylene glycol methyl ether acetate, dispersant	
TNPMAM-M2	MWNTs PMA Paste	\$117/L
CNTs:	MWCNTs Content:	
TNIM1	TNIM1 2wt % OD: 5-15nm Composition:TNIM1, Propylene glycol methyl ether acetate, dispersant	
TNEPM-M8	MWNTs Butyl Acetate Paste	\$117/L
CNTs:	MWCNTs Content:	
TNIM8	TNIM8 8-10 wt % OD: 30-80nm Composition:TNIM8, butyl acetate, dispersant	
TNEPM-M2	MWNTs Butyl Acetate Paste	\$117/L
CNTs:	MWCNTs Content:	
TNIM1	TNIM1 2 wt % OD: 5-15nm Composition:TNIM1, butyl acetate, dispersant	
TNDPM-M8	MWNTs Dimethylformamide Paste	\$117/L
CNTs:	MWCNTs Content:	
TNIM8	TNIM8 10 wt % OD: 30-80nm Composition:TNIM8, dimethylformamide, dispersant	
TNDPM-M2	MWNTs Dimethylformamide Paste	\$117/L
CNTs:	MWCNTs Content:	
TNIM1	TNIM1 2 wt % OD: 5-15nm Composition:TNIM1 dimethylformamide, dispersant	
TNNPM-M8	MWNTs N-Methyl-2-pyrrolidone Paste	\$117/L
CNTs:	MWCNTs Content:	
TNIM8	TNIM8 9-10wt % OD: 30-80nm Composition: TNIM8, N-Methyl-2-pyrrolidone, dispersant	
TNNPM-M2	MWNTs N-Methyl-2-pyrrolidone Paste	\$117/L
CNTs:	MWCNTs Content:	
TNIM1	TNIM1 2 wt % OD: 5-15nm	

Composition: TNIM1, N-Methyl-2-pyrrolidone,
dispersant

9 CNTs/Polymer Composite

Product Model	Description	Price
TNPA6	CNTs/PA6 Masterbatches CNTs Content: 15wt% Matrix resin: PA6 MFI(g/10min)(230℃, 2.16Kg): 0 Volume Resistivity: 1.5-1.7 ohm.cm Min Order: 5kg	\$20/kg
TNPP	CNTs/PP Masterbatches CNTs Content: 20wt% CNTs OD: 10-20nm Matrix resin: Homopolymer PP MFI(g/10min)(230℃, 2.16Kg): 12.3 Volume Resistivity: 0.2-0.3 ohm.cm Min Order: 5kg	\$17/kg
TNHDPE	CNTs/HDPE Masterbatches CNTs Content: 25wt% CNTs OD: 10-20nm Matrix resin: HDPE 5000S Volume Resistivity: 0.5-0.6 ohm.cm Min Order: 5kg	\$17/kg
TNLLDPE	CNTs/LLDPE Masterbatches CNTs Content: 25wt% CNTs OD: 10-20nm Matrix resin: LLDPE 7042 Volume Resistivity: 0.5-0.6 ohm.cm Min Order: 5kg	\$17/kg
TNLDPE	CNTs/LDPE Masterbatches CNTs Content: 25wt% CNTs OD: 10-20nm Matrix resin: LDPE 112A Volume Resistivity: 0.5-0.6 ohm.cm Min Order: 5kg	\$17/kg
TNABS	CNTs/ABS Masterbatches CNTs Content: 20wt%	\$17/kg

CNTs OD: 10-20nm
 Matrix resin: ABS
 Volume Resistivity: 1.9 ohm.cm
 Min Order: 5kg

TNPC	CNTs/PC Masterbatches	
	CNTs Content: 15%	
	CNTs OD: 10-20nm	
	Matrix resin: PC	
	Min Order: 5kg	
TNEPO-TNS	Single-walled CNTs-based Epoxy Resin Masterbatches	\$250/kg
CNTs: SWCNT	CNTs/ Dispersant/ Epoxy resin: 0.25/0.63/99.12	
	Epoxy model number: NPEL-128	
	NPEL-128 Viscosity @ 25°C (mPa·s):	
	12000-15000	
	Min Order: 1kg	
TNEPO-TNM2	Multi-walled CNTs-based Epoxy Resin Masterbatches	\$167/kg
CNTs: TNM1	CNTs/ Dispersant/ Epoxy resin: 2.0/2.4/95.6	
	CNTs OD: 5-15nm	
	Epoxy model number: NPEL-128	
	NPEL-128 Viscosity @ 25°C (mPa·s):	
	12000-15000	
	Min Order: 1kg	
TNEPO-TNM8	Multi-walled CNTs-based Epoxy Resin Masterbatches	\$167/kg
CNTs: TNM8	CNTs/ Dispersant/ Epoxy resin: 8.0/2.4/89.6	
	CNTs OD: 30-80nm	
	Epoxy model number: NPEL-128	
	NPEL-128 Viscosity @ 25°C (mPa·s):	
	12000-15000	
	Min Order: 1kg	

10 Nano-carbon Functional Coating

Product Model	Description	Price
TNRC-1	Nano-carbon Thermal Radiation Water-based Coating	\$42/kg

Types:Low temperature drying paint

Surface resistance(Ω): 10^6 - 10^8

Min Order: 1kg

TNRC-2	Nano-carbon Thermal Radiation Water-based Coating	\$42/kg
	Types:Medium temperature baking paint	
	Surface resistance(Ω): 10^8 - 10^{10}	
	Min Order: 1kg	
TNRC-3	Nano-carbon Thermal Radiation Water-based Ink	\$42/kg
	Types:Medium temperature baking painting ink	
	Surface resistance(Ω): 10^8 - 10^{10}	
	Min Order: 1kg	
TNTC-1	Nano-carbon Transparent Static Conductive Water-based Coating	\$42/kg
	Surface resistance(Ω/\square): 10^3 - 10^4	
	60-70% transmittance including PET substrate	
	Min Order: 1kg	
TNTC-2	Nano-carbon Transparent Static Conductive Water-based Coating	\$42/kg
	Surface resistance(Ω/\square): 10^5 - 10^6	
	75-85% transmittance including PET substrate	
	Min Order: 1kg	
TNEC-1	Nano-carbon static conductive water-based coating	\$42/kg
	Square resistance: $10^6 \sim 10^8 \Omega/\square$	
	Can be adjusted within $10^1 \sim 10^{12} \Omega/\square$	
	Min Order: 1kg	
TNEC-2	Nano-carbon Conductive Coating	\$42/kg
	Square resistance: $10^1 \sim 10^2 \Omega/\square$	
	Can be adjusted within $10^1 \sim 10^{12} \Omega/\square$	
	Min Order: 1kg	
TNHC-1	Nano-carbon Conductive and Heating Coating	\$42/kg
	Coating volume resistivity ($\Omega\cdot\text{cm}@$):0.1-0.2	
	Min Order: 1kg	
TNHC-2	Nano-carbon Conductive and Heating Coating	\$42/kg
	Coating volume resistivity ($\Omega\cdot\text{cm}$):0.1-0.2	
	Min Order: 1kg	
TNHC-102	Nano-carbon Conductive and Heating Coating	\$50/kg
	Coating volume resistivity ($\Omega\cdot\text{cm}@$):0.04-0.08	
	Min Order: 1kg	

11 Carbon nanotube sponge

Product Model	Description	Price
TNHM11-1	Carbon nanotube sponge Size: 10mm*10mm Thickness: 1-2mm	\$30/piece
TNHM51-1	Carbon nanotube sponge Size: 50mm*10mm Thickness: 1-2mm	\$185/piece
TNHM22-1	Carbon nanotube sponge Size: 20mm*20mm Thickness: 1-2mm	\$155/piece
TNHM52-1	Carbon nanotube sponge Size: 50mm*20mm Thickness: 1-2mm	\$430/piece
TNHM11-3	Carbon nanotube sponge Size: 10mm*10mm Thickness: 3-4mm	\$50/piece
TNHM51-3	Carbon nanotube sponge Size: 50mm*10mm Thickness: 3-4mm	\$280/piece
TNHM22-3	Carbon nanotube sponge Size: 20mm*20mm Thickness: 3-4mm	\$215/piece
TNHM52-3	Carbon nanotube sponge Size: 50mm*20mm Thickness: 3-4mm	\$615/piece

12 CNTs Composite Conductive Agent in Lithium Ion Batteries

Product Model	Description	Price
TNCC	CNTs Composite Conductive Agent in Lithium Ion Batteries CNTs OD: 50-80nm CNT Length: 10-15 μ m SSA: 80m ² /g pH: <9 Min Order: 1kg	\$180/kg

13 Fullerene

Product Model	Description	Price
TNC6099	Fullerene C60 Purity: 99wt% Molecular weight: 720.67	\$60/g
TNC60995	Fullerene C60 Purity: 99.5wt% Molecular weight: 720.67	\$92/g
TNC60999	Fullerene C60 Purity: 99.9wt% Molecular weight: 720.67	\$134/g
TNC7095	Fullerene C70 Purity: 95wt% Molecular weight: 840.78	\$233/g
TNC7098	Fullerene C70 Purity: 98wt% Molecular weight: 840.78	\$266/g
TNC7099	Fullerene C70 Purity: 99wt% Molecular weight: 840.78	\$300/g
TNFOL	Fullerenols Molecular formula: $C_{60}(OH)_n \cdot mH_2O$ Number of hydroxyl: 24-28	\$533/g

14 Nano-silver series

Product Model	Description	Price
TNWSN15	Silver Nanowire Average Diameter: 15 ± 3 nm Average Length: 10-18um Solvent: Water	\$ 500/g
TNASN15	Silver Nanowire Average Diameter: 15 ± 3 nm Average Length: 10-18um Solvent: Ethanol	\$ 500/g
TNISN15	Silver Nanowire Average Diameter: 15 ± 3 nm Average Length: 10-18um Solvent: Isopropanol	\$ 500/g
TNWSN20	Silver Nanowire Average Diameter: 20 ± 3 nm Average Length: 20-25um	\$417/g

	Solvent: Water	
TNASN20	Silver Nanowire Average Diameter: $20 \pm 3\text{nm}$ Average Length: 20-25um Solvent: Ethanol	\$417/g
TNISN20	Silver Nanowire Average Diameter: $20 \pm 3\text{nm}$ Average Length: 20-25um Solvent: Isopropanol	\$417/g
TNWSN25	Silver Nanowire Average Diameter: $25 \pm 3\text{nm}$ Average Length: 20-25um Solvent: Water	\$330/g
TNASN25	Silver Nanowire Average Diameter: $25 \pm 3\text{nm}$ Average Length: 20-25um Solvent: Ethanol	\$330/g
TNISN25	Silver Nanowire Average Diameter: $25 \pm 3\text{nm}$ Average Length: 20-25um Solvent: Isopropanol	\$330/g
TNWSN30	Silver Nanowire Average Diameter: $30 \pm 5\text{nm}$ Average Length: 25-30um Solvent: Water	\$330/g
TNASN30	Silver Nanowire Average Diameter: $30 \pm 5\text{nm}$ Average Length: 25-30um Solvent: Ethanol	\$330/g
TNISN30	Silver Nanowire Average Diameter: $30 \pm 5\text{nm}$ Average Length: 25-30um Solvent: Isopropanol	\$330/g
TNWSN40	Silver Nanowire Average Diameter: $40 \pm 5\text{nm}$ Average Length: 25-35um Solvent: Water	\$330/g
TNASN40	Silver Nanowire Average Diameter: $40 \pm 5\text{nm}$ Average Length: 25-35um Solvent: Ethanol	\$330/g
TNISN40	Silver Nanowire Average Diameter: $40 \pm 5\text{nm}$ Average Length: 25-35um	\$330/g

	Solvent: Isopropanol	
TNWSN50	Silver Nanowire Average Diameter: $50 \pm 5\text{nm}$ Average Length: 25-35um Solvent: Water	\$330/g
TNASN50	Silver Nanowire Average Diameter: $50 \pm 5\text{nm}$ Average Length: 25-35um Solvent: Ethanol	\$330/g
TNISN50	Silver Nanowire Average Diameter: $50 \pm 5\text{nm}$ Average Length: 25-35um Solvent: Isopropanol	\$330/g
TSNSNS30	Short Silver Nanowire Average Diameter: 30-40nm Average Length: 2-5um	\$417/g
TNASNS30	Short Silver Nanowire Average Diameter: 30-40nm Average Length: 2-5um Solvent: Ethanol	\$417/g
TNISNS30	Short Silver Nanowire Average Diameter: 30-40nm Average Length: 2-5um Solvent: Isopropanol	\$417/g
TNSNTB	Silver Nanowires Coating Solution Solid Content: <1wt% Density:0.9-1.0g/ml Sheet resistance:10-100Ω/□ Hardness:2-3H	\$533/L
TNSNSY-1	Transparent Conductive Ink For Screen Printing Sheet resistance:50-150Ω/□ ConductiveLayer LightTransmittance:95-98%	\$1415/kg
TNSNSY-1	Transparent Conductive Ink For Screen Printing Sheet resistance:50-150Ω/□ ConductiveLayer LightTransmittance:95-98%	\$1415/kg
TNSNSY-1	Transparent Conductive Ink For Screen Printing Sheet resistance:50-150Ω/□ ConductiveLayer LightTransmittance:95-98%	\$1415/kg

15 Nano-ceramic Powders

Product Model	Description	Price
TNSi3N4	Si3N4	\$0.8/g 100g-500g

	Purity: 97wt%	\$0.6/g	500g-1kg
	SSA:>45m ² /g	\$400/kg	1kg-10kg
	Particle size: 25 nm		
	Total oxygen content: <0.2%		
	Color: White		
TNTiN	TiN	\$1/g	100g-500g
	Purity: 97wt%	\$0.7/g	500g-1kg
	SSA: >45m ² /g	\$580/kg	1kg-10kg
	Particle size: 20 nm		
	Total oxygen content: <1%		
	Color: Black		
TNSiC	SiC	\$0.8/g	100g-500g
	Purity: 97wt%	\$0.6/g	500g-1kg
	SSA:20-30m ² /g	\$460/kg	1kg-10kg
	Particle size: 60 nm		
	Total oxygen content: <0.8%		
	Color: Gray		
TNTiC	TiC	\$1/g	100g-500g
	Purity: 97wt%	\$0.7/g	500g-1kg
	SSA: 23m ² /g	\$580/kg	1kg-10kg
	Particle size: 50nm		
	Total oxygen content: <1%		
	Color: Black		
TNZrC	ZrC	\$1.7/g	100g-500g
	Purity: 97wt%	\$1.2/g	500g-1kg
	SSA: 11m ² /g	\$1000/kg	1kg-10kg
	Particle size: 20 nm		
	Total oxygen content: <1%		
	Color: Black		
TNSi-50	Nano Silicon Powder	\$1.5/g	100g-500g
	Purity: >97%	\$1/g	500g-1kg
	Oxygen content:<2%	\$750/kg	1kg-10kg
	D50:50nm		
	SSA:≥100m ² /g		
TNSi-100	Nano Silicon Powder	\$1.3/g	100g-500g
	Purity: >97%	\$0.9/g	500g-1kg
	Oxygen content:<2%	\$667/kg	1kg-10kg
	D50:100nm		
	SSA:≥60m ² /g		

16 Purchase Procedure and Bank Account Information

How to purchase our CNTs and what's the process for purchasing?

Step 1: Customer place the purchase order.

Step 2: According to the requirements, Timesnanos offer the products quotation/purchase contract and proforma invoice to customers.

Step 3: Customers **pay the payment in advance** by Wire Transfer (T/T), and then, scan the bank remittance bill to Timesnano. (Email: carbon@cioc.ac.cn, times@cioc.ac.cn, nano@cioc.ac.cn)

Step 4: When Timesnano receives the copy of bank remittance bill, the products and original invoice would be delivered by Fedex as soon as possible. Usually, the shipping time is about 5-7 from China to other country.

Step 5: Timesnano informs the Express tracking number to customers.

Bank information for wire transfer Bank transfer:

Company: Chengdu Zhongke Times Nano Energy Tech Co., Ltd.

Bank: BANK OF CHINA CHENGDU WUHO SUB-BRANCH

Bank address: NO.45, SECTION 3, SOUTH 1 ST RING ROAD, WUHO DISTRICT, CHENGDU, SICHUAN PROVINCE.

Accounts: 1266 6553 5905

SWIFT: BKCHCNBJ570