



MER Nanotube Products

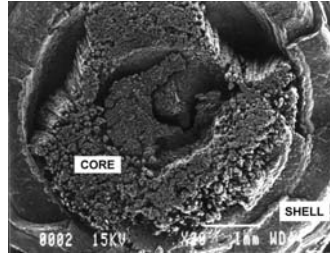
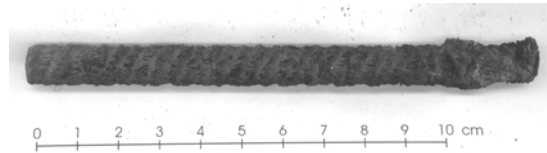
Item: MWNT, as-produced cathode deposit

Catalog# MRMW

Description: Arc-produced cathode deposit with approximately 1 cm diameter and maximum of about 15 cm length. The cathode deposit has a hard, gray fused carbon shell that is made up of graphitic and diamond-like carbon. The core is a black fibrous material with 30-40 wt% multi-wall carbon nanotube content. The core is about 25 wt% of the cathode deposit. The product is over 99% carbon and is produced without catalysts. Nanotubes have 8-30 graphene layers, are 6-20 nm in diameter and 1-5 microns in length.

Prices PER GRAM:

1 g	US\$ 10.00
2-50 g	US\$ 8.00
51-100 g	US\$ 7.00
>100 g	US\$ 6.00



SEM

Item: MWNT, powdered cathode deposit core material, <53 micron particle size

Catalog# MRGC

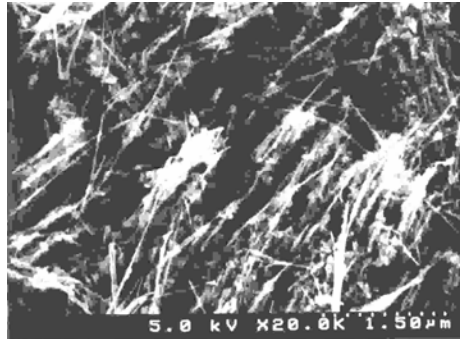
Description: Arc-produced MWNT with 30-40 wt% nanotube content. The product is removed from the cathode deposit and ground and sieved to -270 mesh size (<53 um). Impurities are multi-layer polygonal structures ("Buckyonions") and graphitic particles. Product is over 99% carbon and is produced without catalysts. Nanotubes have 8-30 graphene (graphite) layers, are 6-20 nm in diameter and 1-5 microns in length. Powder density is around 0.7 g/cc.

Prices PER GRAM:

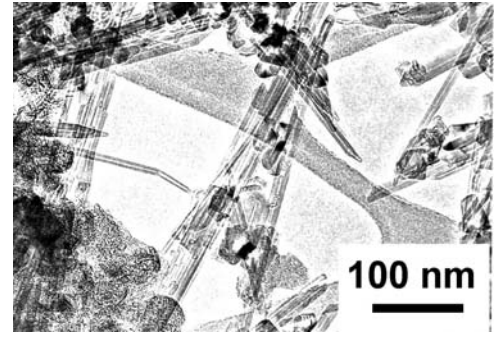
1 g or less	US\$ 25.00
2-10 g	US\$ 20.00
11-100 g	US\$ 17.00
>100 g	US\$ 15.00



TEM



SEM



TEM

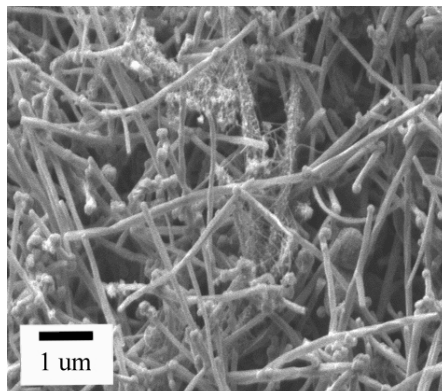
Item: Catalytic MWNT

Catalog# MRCSD

Description: Multi-wall carbon nanotubes produced by chemical vapor deposition (CVD). Catalytic CVD MWNT with 140 +/- 30 nm diameter and 7 +/- 2 micron length, with purity of >90% (Catalog# MRCSD):

Prices PER GRAM

1 - 10 g	US\$ 20.00
11 - 50 g	US\$ 13.00
51 - 100 g	US\$ 12.00
101 - 1000 g	US\$ 10.00
Kg quantities	US\$ 5000/kg



SEM



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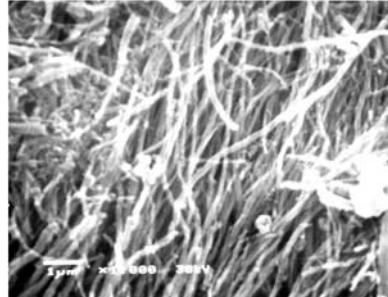
Item: Catalytic MWNT

Catalog# MRCMW

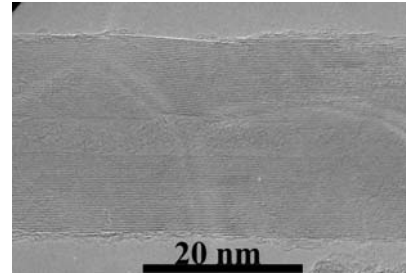
Description: Catalytic CVD MWNT with 35 +/- 10 nm diameter with approximately 30 micron length, with purity of >90% MWNT, with less than 0.1% metal (Fe) content. Other diameters from 35 to 90 nm are available on request.

Prices PER GRAM

1-10 g	US\$ 60.00
11-50 g	US\$ 50.00
51-100	US\$ 40.00
over 100 g	US\$ 35.00



SEM

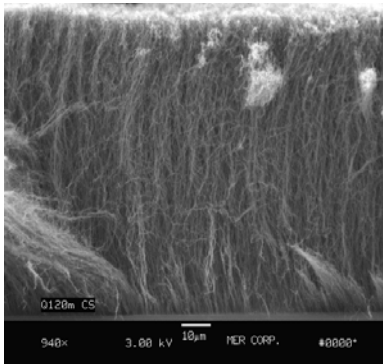


TEM

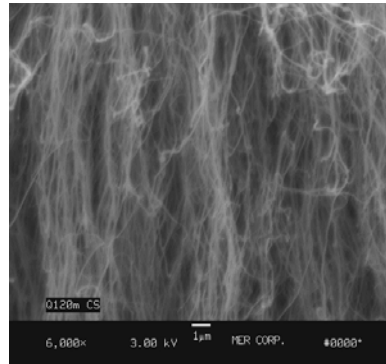
Item: Aligned Catalytic MWNT Films

Catalog# MRCMWFILM

Description: Aligned MWNT grown on silica substrate. Nanotubes are 30-40 nm diameter with 60-80 micron film thickness (nanotube length). Plate size up to 9x9 cm. Price: US\$ 400 per film. Other dimensions available; inquire.



SEM



SEM

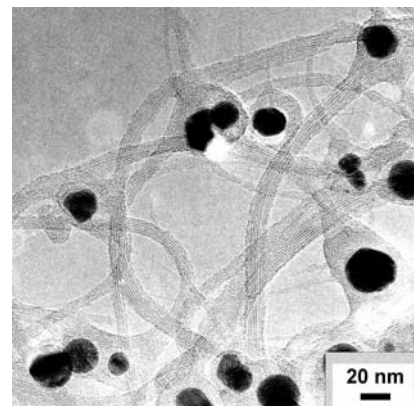
Item: As-Produced SWNT

Catalog# MRSW

Description: Arc produced SWNT with 12+ wt% nanotube content. Impurities include ca. 25 wt% metal catalyst particles, ca. 10 wt% fullerenes (C60, C70, etc) and ca. 10 wt% MWNT and other graphitic structures. The remainder is amorphous carbon. Nanotubes are 1.2-1.4 nm diameter, 10-50 micron length in bundles of up to 20 nanotubes. Powder density is around 0.025 g/cc.

Prices PER GRAM

1-10 g	US\$ 60.00
11-50 g	US\$ 50.00
51-100 g	US\$ 40.00
over 100 g	US\$ 35.00



TEM



MER Nanotube Products

Item: As-Produced Double-Wall Carbon Nanotubes

NEW!

Catalog# MRDW

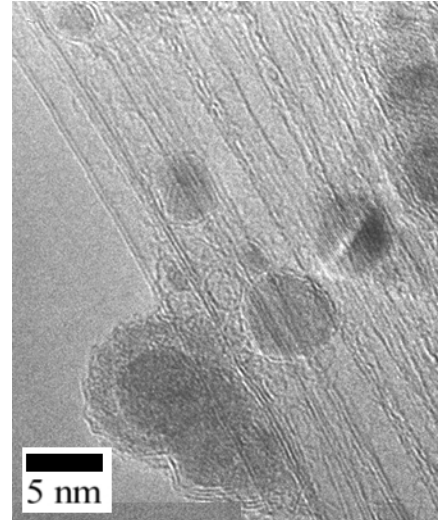
Description: Black powder produced in the arc, with approximately 15 wt% DWNT, 15 wt% amorphous, 5% graphitic carbon particles, 65 wt% metal particles (Co+Ni+Fe). Nanotubes are 3-5 nm diameter and 5-15 microns long.

Prices PER GRAM:

0.1 - 2 g US\$ 400

2.1 - 20 g US\$ 350

over 20 grams - please contact Dr. Lowe



Please fax purchase orders to MER Corporation Nanotubes at ++(520) 574-1983.

Please email, call or write if you need a formal quotation or delivery estimate.

Contact:

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