

## NanoAmor 95%, OD/ID: 20-40/5-10 nm Aligned Multi-Walled Carbon Nanotubes

Category : Carbon

**Material Notes:**

Applications Additives in polymers Catalysts Electron field emitters for cathode ray lighting elements, flat panel display, gas-discharge tubes in telecom networks Electromagnetic-wave absorption and shielding Energy conversion Lithium-battery anodes Hydrogen storage Nanotube composites (by filling or coating); Nanoprobes for STM, AFM, and EFM tips, nanolithography, nanoelectrodes, drug delivery, sensors Reinforcements in composites Supercapacitor Information provided by NanoAmor Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_NanoAmor-95-ODID-20-405-10-nm-Aligned-Multi-Walled-Carbon-Nanotubes.php](http://www.lookpolymers.com/polymer_NanoAmor-95-ODID-20-405-10-nm-Aligned-Multi-Walled-Carbon-Nanotubes.php)

Physical Properties	Metric	English	Comments
Density	2.10 g/cc	0.0759 lb/in <sup>3</sup>	true density
Apparent Bulk Density	0.0100 g/cc	0.000361 lb/in <sup>3</sup>	
Particle Size	0.0050 - 0.010 μm	0.0050 - 0.010 μm	core diameter
	0.020 - 0.040 μm	0.020 - 0.040 μm	outside diameter
Specific Surface Area	40 - 600 m <sup>2</sup> /g	40 - 600 m <sup>2</sup> /g	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	50.0 - 200 W/m-K	347 - 1390 BTU-in/hr-ft <sup>2</sup> -°F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.0100 - 10000 ohm-cm	0.0100 - 10000 ohm-cm	

Descriptive Properties	Value	Comments
Color	black	
Length (um)	5-15	
Pore Volume (cm <sup>3</sup> /g)	0.8	
Purity (vol% carbon nanotubes), min	95	

### Contact Songhan Plastic Technology Co.,Ltd.

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