

## NanoAmor 95%, OD: 50-80 nm COOH Functionalized 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-OD-50-80-nm-COOH-Functionalized-Aligned-Multi-Walled-Carbon-Nanotubes.php](http://www.lookpolymers.com/polymer_NanoAmor-95-OD-50-80-nm-COOH-Functionalized-Aligned-Multi-Walled-Carbon-Nanotubes.php)

Physical Properties	Metric	English	Comments
Particle Size	0.0050 - 0.015 $\mu\text{m}$	0.0050 - 0.015 $\mu\text{m}$	inside diameter
	0.050 - 0.080 $\mu\text{m}$	0.050 - 0.080 $\mu\text{m}$	outside diameter
Specific Surface Area	40 $\text{m}^2/\text{g}$	40 $\text{m}^2/\text{g}$	

Descriptive Properties	Value	Comments
Color	black	
Content of -COOH wt%	1 to 6	
Length (um)	10-20	
Mole fraction of surface carbon atoms	8 to 10	
Purity (vol% carbon nanotubes), min	95	

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

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