

NanoAmor 90%, OD: 1-2 nm COOH Functionalized Single 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-90-OD-1-2-nm-COOH-Functionalized-Single-Walled-Carbon-Nanotubes.php

Physical Properties	Metric	English	Comments
Particle Size	0.0010 - 0.0020 μm	0.0010 - 0.0020 μm	average diameter
Specific Surface Area	400 m^2/g	400 m^2/g	

Descriptive Properties	Value	Comments
Color	black	
Content of -COOH wt%	1 to 6	
Length (um)	5-30	
Mole fraction of surface carbon atoms	8 to 10	
Purity (vol% carbon nanotubes), min	95	
Purity (vol% single-walled nanotubes), min	90	

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