

NanoAmor 99.8%; OD: 80-200 nm Graphitized Carbon Nanofibers

Category : Carbon

Material Notes:

Applications Catalyst support materials Electronic devices Fiber/polymer nanocomposites for enhanced electrical conductivity Fiber/polymer nanocomposites for enhanced strength Fuel-cell electrodes Gas storage (nanoscale gas cylinders) High-power electrochemical capacitors High surface-area electrodes Lithium-ion batteries Shielding of electromagnetic radiation Information provided by NanoAmor Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NanoAmor-998-OD-80-200-nm-Graphitized-Carbon-Nanofibers.php

Physical Properties	Metric	English	Comments
Density	1.90 g/cc	0.0686 lb/in ³	True Density
Apparent Bulk Density	0.0600 - 0.0800 g/cc	0.00217 - 0.00289 lb/in ³	
Particle Size	0.0010 - 0.010 μm	0.0010 - 0.010 μm	core diameter
	0.080 - 0.20 μm	0.080 - 0.20 μm	outside diameter
Specific Surface Area	25 - 35 m ² /g	25 - 35 m ² /g	BET

Mechanical Properties	Metric	English	Comments
Modulus of Elasticity	0.0200 - 0.180 GPa	2.90 - 26.1 ksi	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	7.50e-7 - 1.00e-6 ohm-cm	7.50e-7 - 1.00e-6 ohm-cm	

Descriptive Properties	Value	Comments
Color	black	
Length (um)	10-40	
Purity (vol% carbon nanotubes), min	99.8	

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