

NanoAmor 95%, OD: 30-50 nm OH 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-30-50-nm-OH-Functionalized-Aligned-Multi-Walled-Carbon-Nanotubes.php

| Physical Properties | Metric | English | Comments |
|-----------------------|------------------------------|------------------------------|------------------|
| Particle Size | 0.0050 - 0.015 μm | 0.0050 - 0.015 μm | inside diameter |
| | 0.030 - 0.050 μm | 0.030 - 0.050 μm | outside diameter |
| Specific Surface Area | 60 m^2/g | 60 m^2/g | |

| Descriptive Properties | Value | Comments |
|---------------------------------------|----------|----------|
| Color | black | |
| Content of -OH wt% | 1 to 7 | |
| Length (um) | 10-20 | |
| Mole fraction of surface carbon atoms | 21 to 26 | |
| Purity (vol% carbon nanotubes), min | 95 | |

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