



Technical Data Sheet

ACS Material Purified Amino Single-Walled Carbon Nanotubes (Amino SWNTs)

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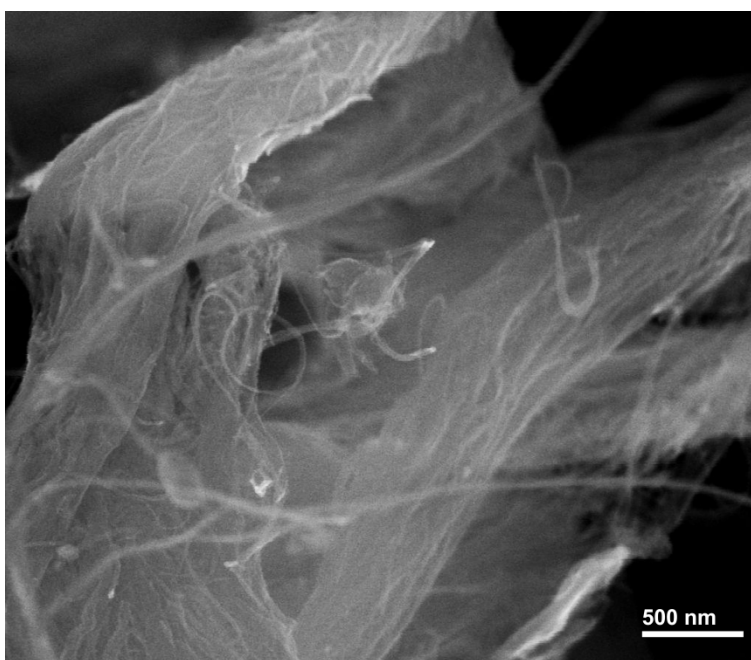
Revision: 093017

1. Preparation Method

Floating Catalyst Method

2. Characterizations

Type:	Type A	Type B
Purity:	>95%	>95%
Color:	Black	Black
Outer Diameter:	1-2 nm	1-2 nm
Inner Diameter:	0.8-1.6 nm	NA
Length:	1-3 μm	5-30 μm
SSA:	NA	>350m ² /g
EC:	NA	>100 S/cm



SEM Image of ACS Material Purified Amio SWNTs (Length = 5-30 μm)

3. Application Fields

Catalysts, additives in polymers, nanoelectrodes, drug delivery, sensors, electromagnetic-wave absorption and shielding, electron field emitters for cathode ray lighting elements, flat panel display, gas-discharge tubes in telecom networks, energy conversion, lithium-battery anodes, hydrogen storage, supercapacitors, nanotube composites (by filling or coating), nanoprobes for STM, AFM, and EFM tips, nanolithography, reinforcements in composites, *etc.*

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