



Technical Data Sheet

ACS Material Fluorinated Carbon Nanotubes

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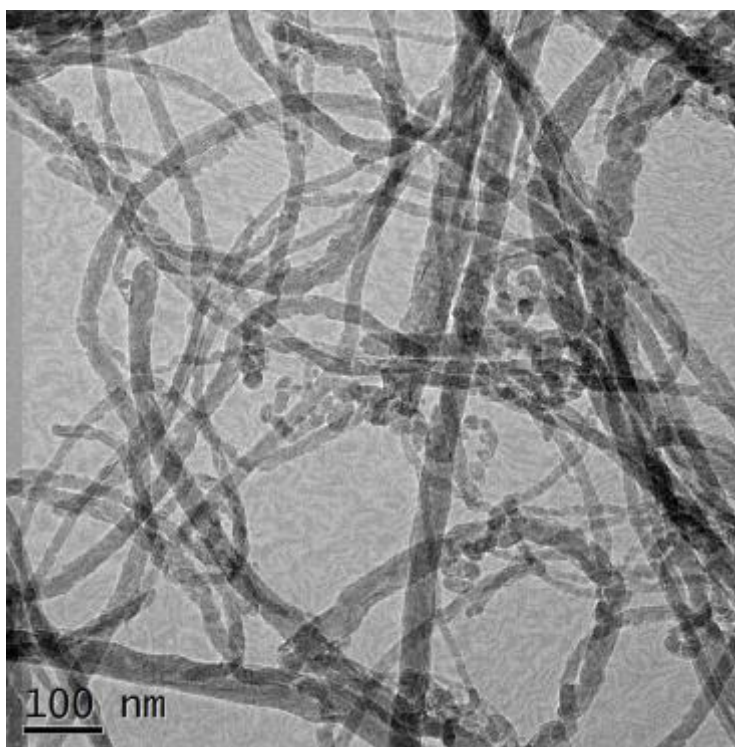
1. Preparation Method

Chemical vapor deposition Method for CNT

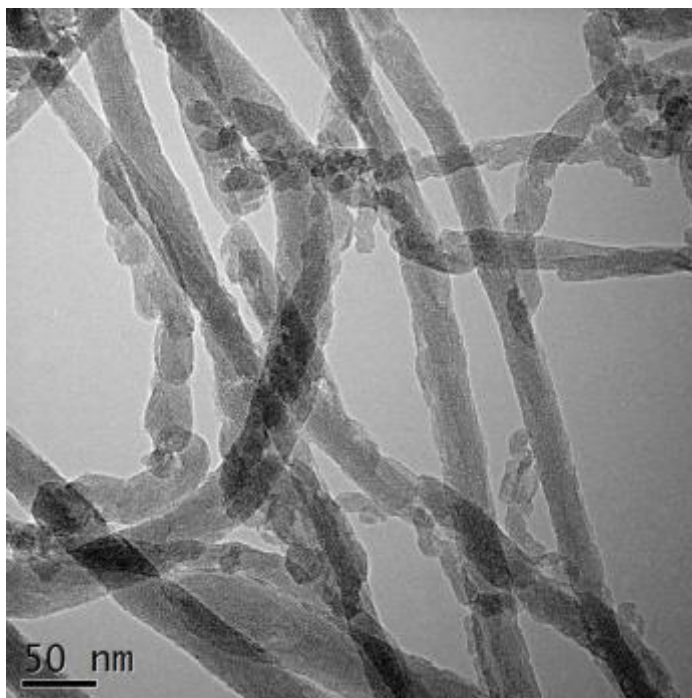
High Temperature Gas Method

2. Characterizations

Composition (F wt.%):	58-62
Appearance:	Black or grey
Purity:	>99.5%
Length:	2-10 um
Aggregate Diameter:	20-50 nm



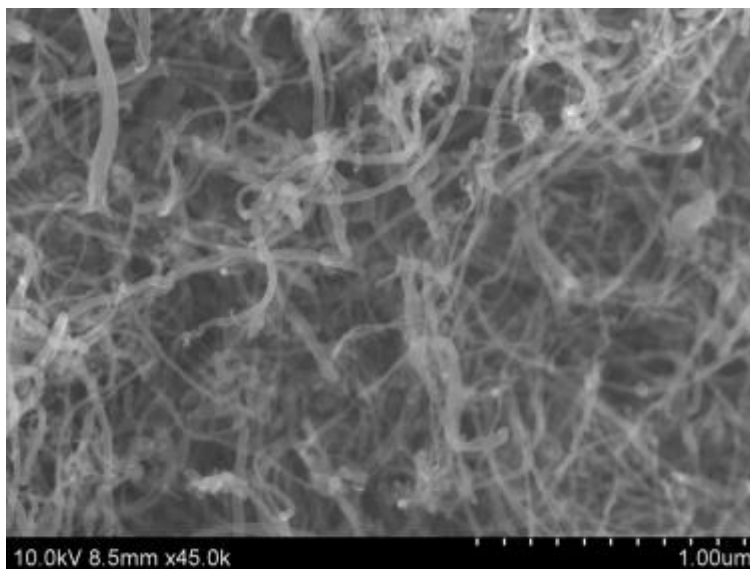
Typical TEM Image of ACS Material Fluorinated Carbon Nanotubes



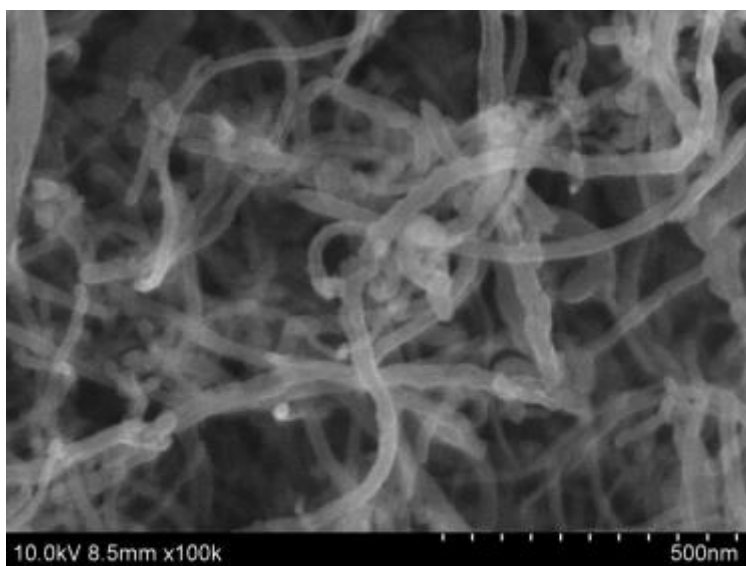
Typical TEM Image of ACS Material Fluorinated Carbon Nanotubes



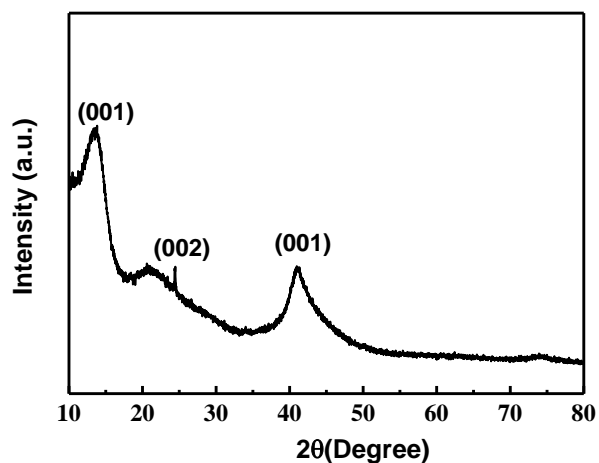
Typical TEM Image of ACS Material Fluorinated Carbon Nanotubes



Typical SEM Image of ACS Material Fluorinated Carbon Nanotubes



Typical SEM Image of ACS Material Fluorinated Carbon Nanotubes



Typical XRD Analysis of ACS Material Fluorinated Carbon Nanotubes

3. Application Fields

- 1) Lithium-ion battery
- 2) Solid lubrication
- 3) Composites

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