



## Technical Data Sheet

### ACS Material Single-walled Carbon Nanotube Paper

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## 1. Physical and Chemical Properties

<b>Composition:</b>	Single-walled Carbon Nanotube Paper
<b>Diameter:</b>	13 cm
<b>Thickness:</b>	10-20 $\mu\text{m}$
<b>Metal content:</b>	< 0.5%
<b>Strength:</b>	60-120 MPa
<b>Conductivity:</b>	1000-2000 S/cm

## 2. Characterizations

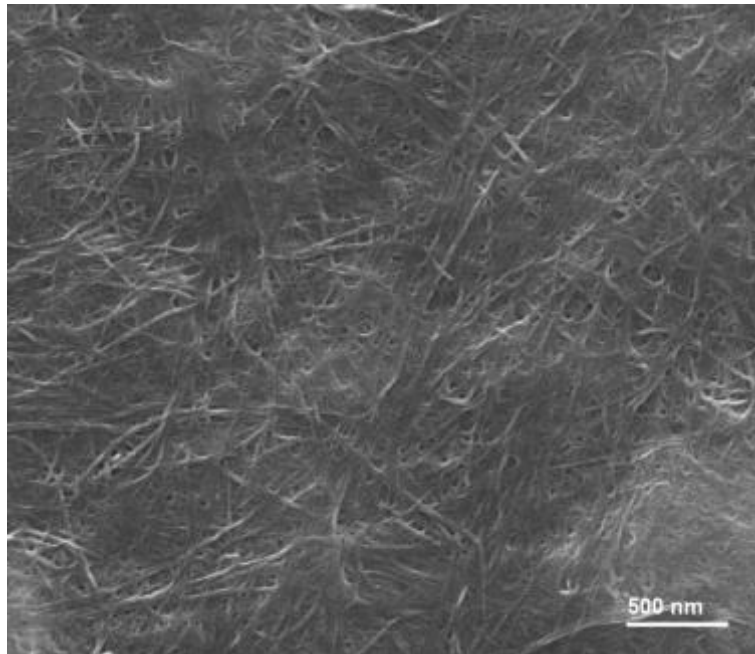


Fig.1 SEM Image of ACS Material Single-walled Carbon Nanotube Paper

### 3. Application Fields

Single-walled carbon nanotube paper, is of high flexibility, can withstand repeated bending, and matrix resin was added in the process of fabrication.

- ◆ Brakes
- ◆ Electromagnetic shielding
- ◆ Anti-electrostatic material
- ◆ Sensor
- ◆ Supercapacitor
- ◆ Electrode
- ◆ Fuel cell
- ◆ Field emission display
- ◆ Heat dissipation
- ◆ Polymer composite

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