



Technical Data Sheet

ACS Material Fullerene C60

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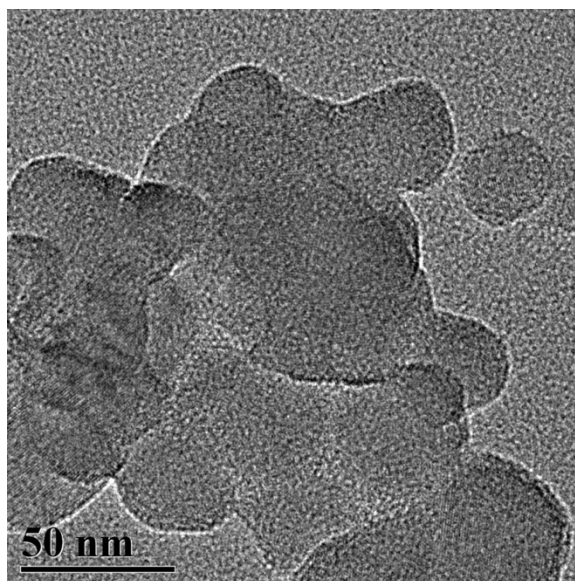
1. Preparation Method

Arc-discharge Method

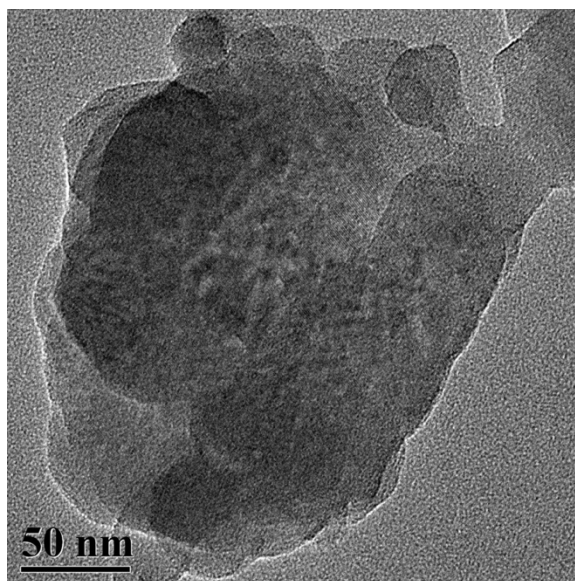
2. Characterizations

Product Name:	Fullerene C60 (Type A)	Fullerene C60 (Type B)
Appearance:	Black	Black
Purity*:	>99.5wt%	>99.9wt%

*Note: Purity is tested by HPLC.



Typical TEM Image of ACS Material Fullerene C60 (Type A)



Typical TEM Image of ACS Material Fullerene C60 (Type B)

Element	Fullerene C60 (Type A)		Fullerene C60 (Type B)	
	PP At. %	Atomic %	PP At. %	Atomic %
C	98.5	98.87	97.31	97.97
O	1.5	1.13	2.69	2.03

Elemental Compositions of ACS Material Fullerene C60**

**Note: Data listed here are for reference only and they may vary from batch to batch.

3. Application Fields

- 1) Cosmetic
- 2) Superconducting Materials
- 3) Gas Storage
- 4) Optical Materials
- 5) Cell protection
- 6) Oxidation resistance
- 7) Anticancer and others

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