Technical Data Sheet

ACS Material Graphene Aerogel/N-Doped Graphene Aerogel

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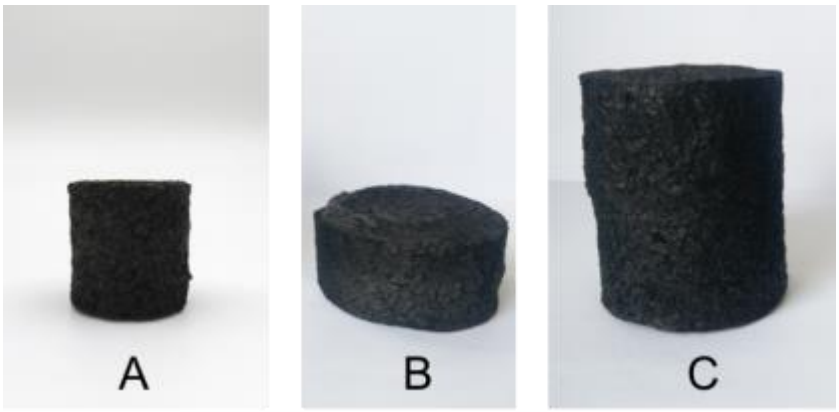
Revision: 090817

1. Preparation Method

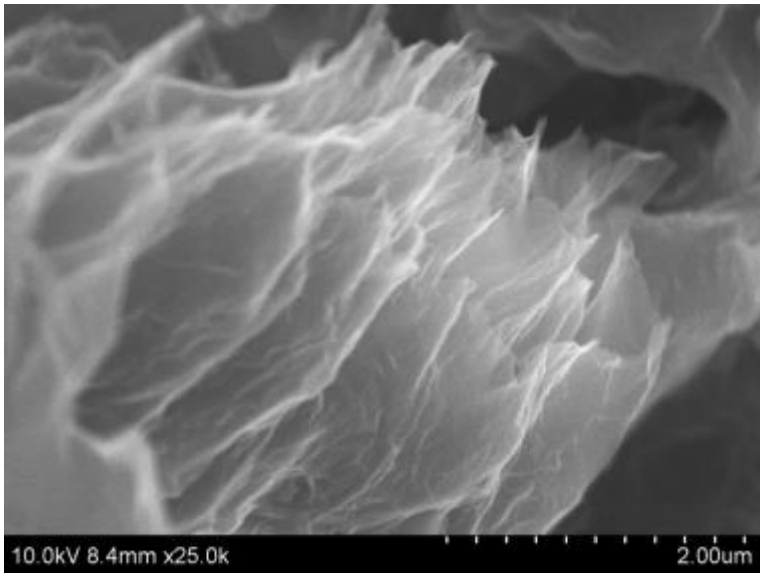
Hydrothermal Method

2. Characterizations

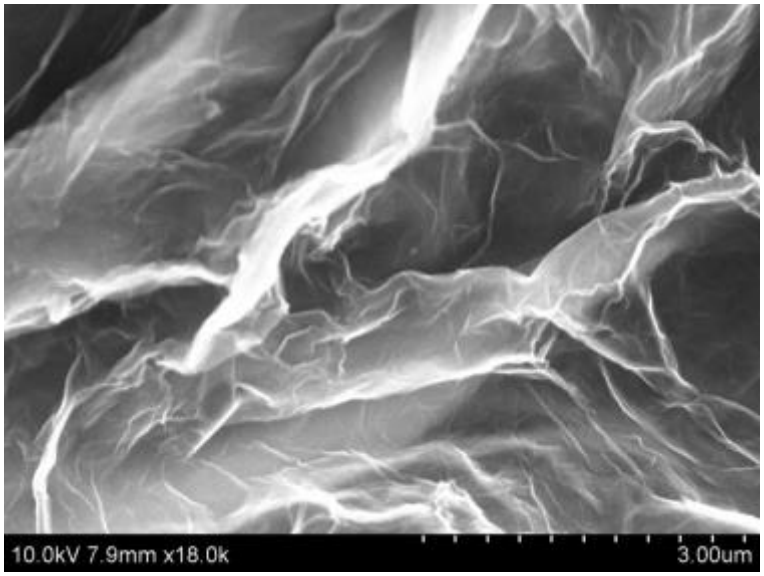
	Type A	Type B	Type C	Type A (N-doped)	Type B (N-doped)	Type C (N-doped)
Appearance:	Black Cylindrical	Black Cylindrical	Black Cylindrical	Black Cylindrical	Black Cylindrical	Black Cylindrical
Ave Size(cm): H (Height), D (Diameter)	H: 2.8 D: 2.7	H: 2.0 D: 5.2	H: 6.2 D: 5.0	H: 2.8 D: 2.7	H: 2.0 D: 5.2	H: 6.2 D: 5.0
Density (mg/cm^3):	20.1	20.1	20.1	20.1	20.1	20.1
Weight (mg):	~300	~850	~2850	~300	~850	~2850
Purity:	>99%	>99%	>99%	>99%	>99%	>99%
N (wt. %):	--	--	--	0.2	0.2	0.2



Product Image of ACS Material Graphene Aerogel/N-Doped Graphene Aerogel



Typical SEM Image of ACS Material Graphene Aerogel/N-doped Graphene Aerogel (1)



Typical SEM Image of ACS Material Graphene Aerogel/N-doped Graphene Aerogel (2)

3. Application Fields

1) Energy storage materials
2) Sensors
3) Supercapacitors
4) Absorption of oil and organic pollutants

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