



Technical Data Sheet

ACS Material Porous Carbon

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Contact Information:

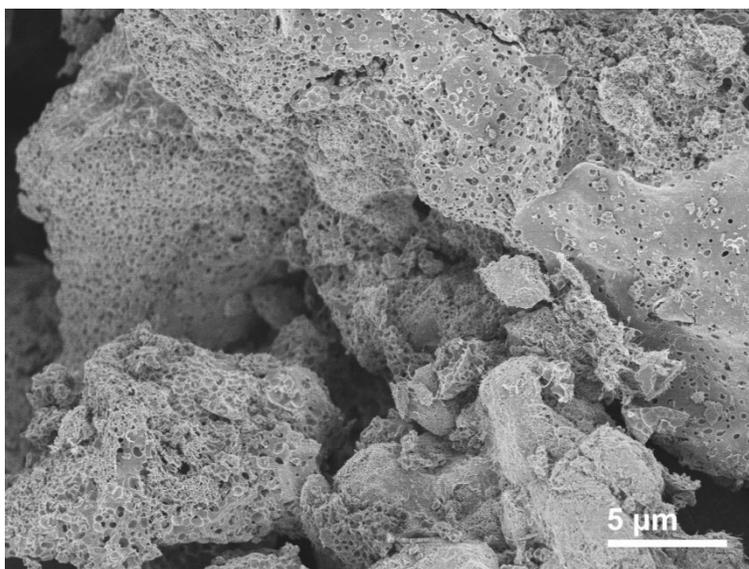
Manufacturer: ACS Material, LLC.
Address: 959 E Walnut St., Suite 100
Pasadena, CA 91106, USA
Phone: (866)-227-0656
Fax: (781)-518-0284
E-Mail: contact@acsmaterial.com
Revision: 072517

1. Preparation Method

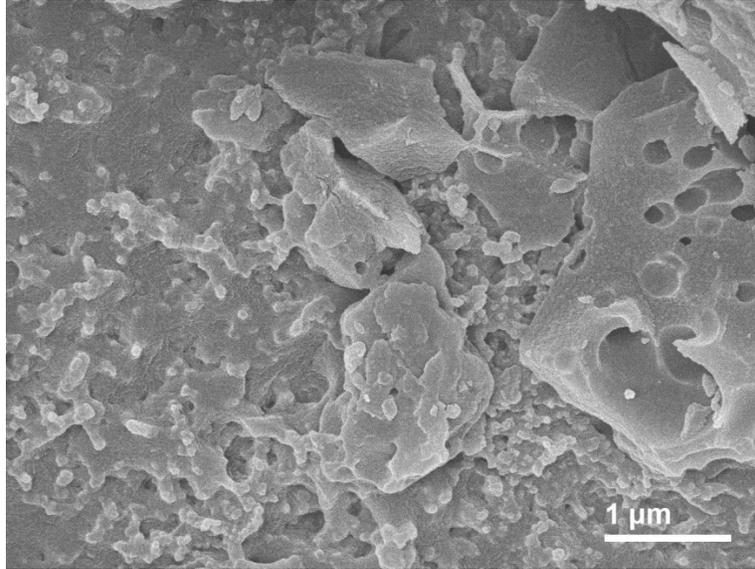
Hard Template Method

2. Characterizations

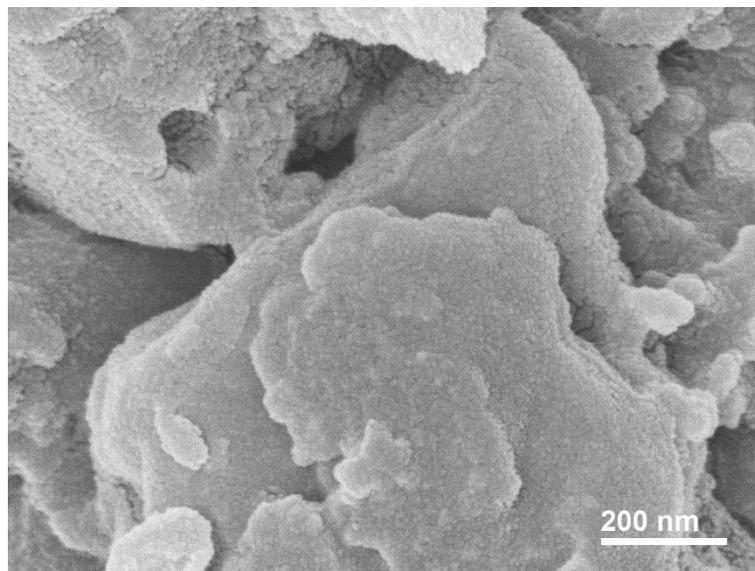
Density (g/cm³):	0.32-0.40
Particle Size (μm) (D50):	5 ± 1
Ash Content (%):	< 1
pH:	6.0-7.0
BET Surface Area (m²/g):	>2000 (± 100)
Pore Volume (cm³/g):	1.0-1.2
Pore Size (nm)	2.0-2.2
Organic Capacitance (F/g):	>130
Organic Capacitance (F/cc):	>60
Iodine Adsorption (mg/g):	1900-2100
Inductively Coupled Plasma (ICP) of Metal Ions (ppm):	<1000



Typical SEM Image of ACS Material Porous Carbon (1)



Typical SEM Image of ACS Material Porous Carbon (2)



Typical SEM Image of ACS Material Porous Carbon (3)

3. Application Fields

- 1) High-performance batteries
- 2) Absorbents
- 3) Supercapacitors
- 4) Catalyst Carriers

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