



Technical Data Sheet

ACS Material Disordered Mesoporous Carbon

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Contact Information:

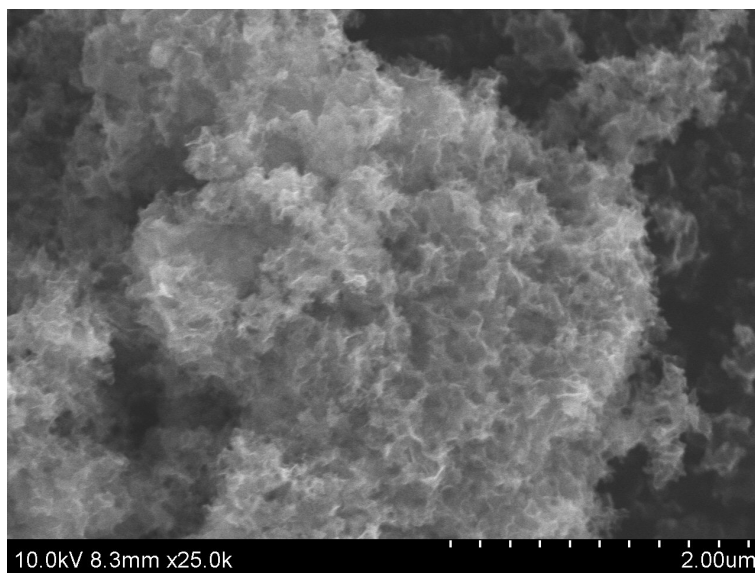
Manufacturer: ACS Material, LLC.
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Revision: 072117

1. Preparation Method

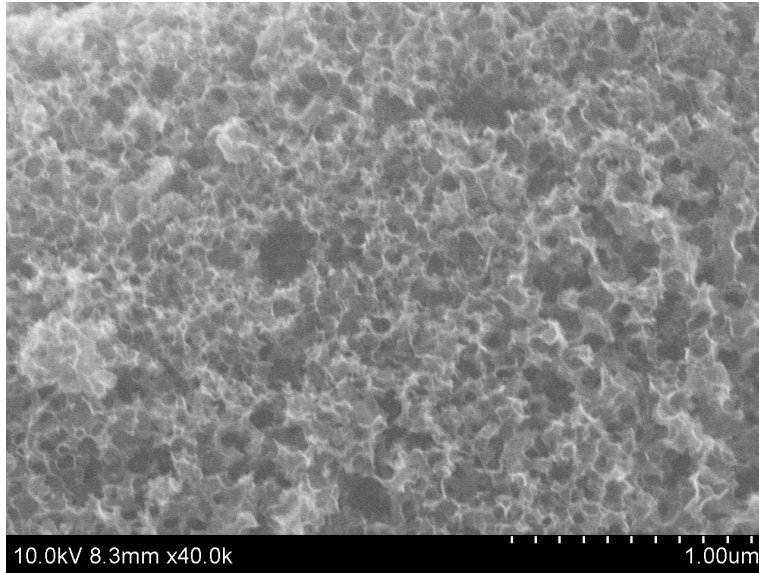
Hard Template Method

2. Characterizations

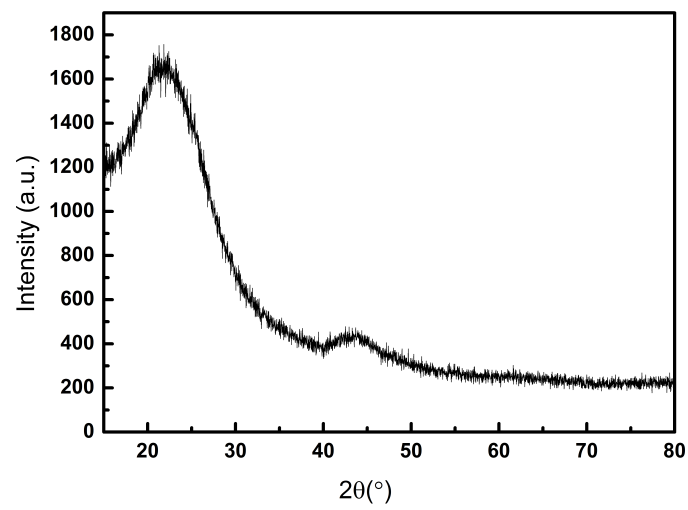
Particle Size (μm):	1-2
Special Surface Area (m^2/g):	~ 600
Average Pore Diameter (nm):	50
The reversible capacity (first cycle) (mAhg^{-1}):	>800
The reversible capacity (After 50 cycle) (mAhg^{-1}):	>600



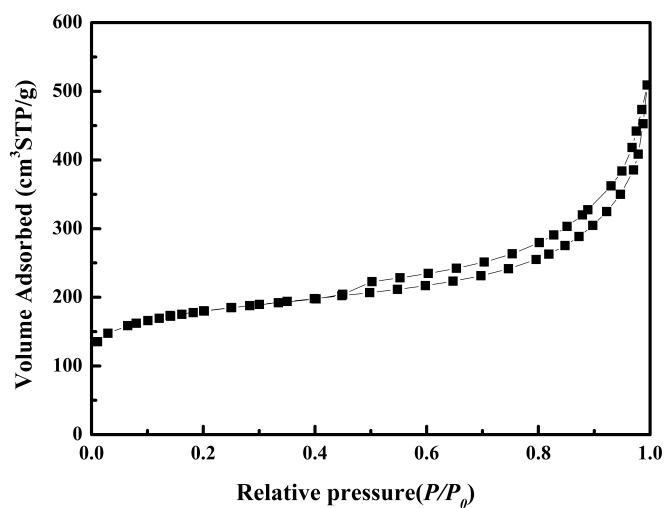
Typical SEM Image of ACS Material Disordered Mesoporous Carbon



Typical SEM Image of ACS Material Disordered Mesoporous Carbon



XRD Analysis of ACS Material Disordered Mesoporous Carbon



BET Adsorption Isotherms of ACS Material Disordered Mesoporous Carbon

3. Application Fields

- 1) Supercapacitors
- 2) Adsorption separation
- 3) Catalysts
- 4) Lithium ion battery electrode materials

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