



## Technical Data Sheet

# ACS Material Mesoporous Silica Molecular Sieve FDU-12

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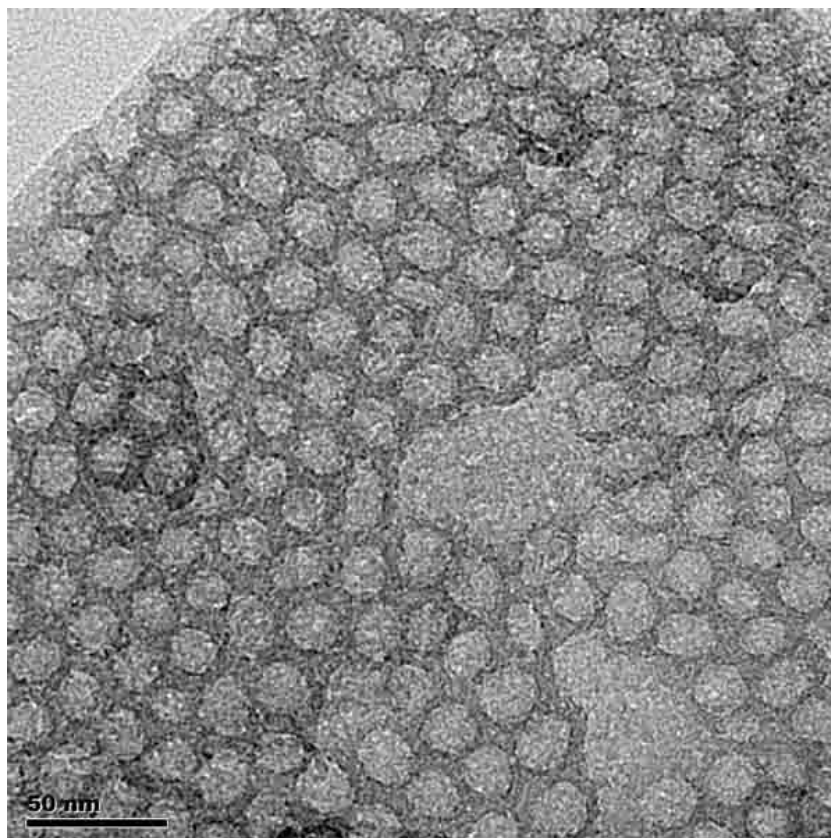
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## 1. Preparation Method

Hydrothermal Method

## 2. Characterizations

<b>Form:</b>	Powder
<b>Pore Diameter (nm):</b>	10.0
<b>BET Surface Area (m<sup>2</sup>/g):</b>	~600
<b>Entrance Size (nm):</b>	3.8
<b>Pore Volume (cm<sup>3</sup>/g):</b>	0.66
<b>Na<sub>2</sub>O (%):</b>	≤1.0
<b>Phase</b>	f.c.c.
<b>Particle Size (μm):</b>	2-3



Typical TEM of ACS Material FDU-12

### 3. Application Fields

- 1) Catalyst
- 2) Adsorbent

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