Technical Data Sheet

ACS Material Zeolitic Imidazolate Framework-8 (ZIF-8)

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1. Preparation Method
Solvent Thermal Method

2. Characterizations

<table>
<thead>
<tr>
<th>Form:</th>
<th>Metal Organic Frameworks (MOFs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td>White Powder</td>
</tr>
<tr>
<td>Particle size:</td>
<td>150-200 nm</td>
</tr>
<tr>
<td>BET surface area (m²/g):</td>
<td>&gt;1300 m²/g</td>
</tr>
</tbody>
</table>

Typical SEM Image of ACS Material ZIF-8
Typical SEM Image of ACS Material ZIF-8
3. Application Fields

1) Methanol to Olefins (MTO)
2) Selective Catalytic Reduction of Nitrogen Oxides (SCR)
3) Catalyst

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