Technical Data Sheet

ACS Material ZSM-5 Series Zeolite Powder

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Revision: 070617
1. Preparation Method

Hydrothermal Method

2. Characterizations

<table>
<thead>
<tr>
<th>Product Code:</th>
<th>P-38</th>
<th>P-117</th>
<th>P-360</th>
</tr>
</thead>
<tbody>
<tr>
<td>SiO$_2$/Al$_2$O$_3$ Molar Ratio:</td>
<td>38</td>
<td>117</td>
<td>360</td>
</tr>
<tr>
<td>Average Particle Size (µm):</td>
<td>2.0</td>
<td>2.0</td>
<td>2.0</td>
</tr>
<tr>
<td>BET surface area (m$^2$/g):</td>
<td>&gt;380</td>
<td>&gt;380</td>
<td>&gt;380</td>
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<tr>
<td>Na$_2$O (%):</td>
<td>≤0.2</td>
<td>≤0.2</td>
<td>≤0.2</td>
</tr>
<tr>
<td>Adsorption (wt%):</td>
<td>≥9.5</td>
<td>≥9.5</td>
<td>≥9.5</td>
</tr>
</tbody>
</table>

Typical SEM Images of ACS Material ZSM-5 Series Zeolite Powder P-38
Typical SEM Images of ACS Material ZSM-5 Series Zeolite Powder P-117

Typical SEM Images of ACS Material ZSM-5 Series Zeolite Powder P-360
3. Application Fields

1) Catalyst
2) Adsorbent

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