Technical Data Sheet

ACS Material ZSM-22

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Revision: 030217
1. Preparation Method

Hydrothermal Synthesis Method

2. Characterizations

<table>
<thead>
<tr>
<th>Cation:</th>
<th>H⁺</th>
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</thead>
<tbody>
<tr>
<td>SiO₂/Al₂O₃ Molar Ratio:</td>
<td>65-80</td>
</tr>
<tr>
<td>BET Surface Area:</td>
<td>&gt;180 m²/g</td>
</tr>
<tr>
<td>Form:</td>
<td>Powder, Single crystals needle form</td>
</tr>
<tr>
<td>Comparative Crystallinity:</td>
<td>&gt;95%</td>
</tr>
<tr>
<td>Na₂O:</td>
<td>&lt;500 ppm</td>
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</table>

Typical SEM Image of ACS Material ZSM-22
Typical SEM Image of ACS Material ZSM-22

Typical XRD of ACS Material ZSM-22
3. Application Fields

1) Catalyst
2) Paraffin Isomerization

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