Technical Data Sheet

ACS Material Ordered Mesoporous Carbon CMK-8

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            Revision: 090120
1. Preparation Method
Synthesized by using cubic Ia3d mesoporous KIT-6 silica as the hard template

2. Characterizations

<table>
<thead>
<tr>
<th>Phase:</th>
<th>Ia3d</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Surface Area (m²/g):</td>
<td>&gt;500</td>
</tr>
<tr>
<td>Pore diameter (nm):</td>
<td>3.2-6.6</td>
</tr>
<tr>
<td>Total Pore volume (cm³/g):</td>
<td>0.7-1.10</td>
</tr>
</tbody>
</table>

Note: Test results may vary from batch to batch and the data in this TDS is for reference only.

3. Application Fields
1) Analytical chemistry applications
2) Environmental applications
3) Medical applications
4) Fuel storage
5) Supercapacitors
6) Gas purification
7) Chemical purification
8) Distilled alcoholic beverage purification
9) Mercury scrubbing

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