



## Technical Data Sheet

# ACS Material Ordered Mesoporous Carbon CMK-8

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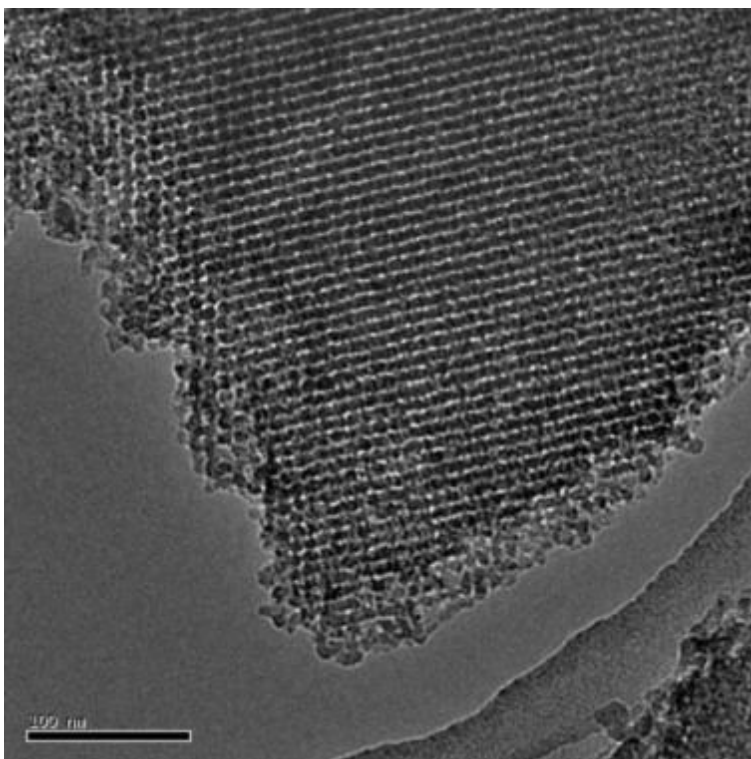
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## 1. Preparation Method

Synthesized by using cubic Ia3d mesoporous KIT-6 silica as the hard template

## 2. Characterizations

<b>Phase:</b>	Ia3d
<b>Special Surface Area (m<sup>2</sup>/g):</b>	>500
<b>Pore diameter (nm):</b>	3.2-6.6
<b>Total Pore volume (cm<sup>3</sup>/g):</b>	0.7-1.10



Typical TEM Image of ACS Material Ordered Mesoporous Carbon CMK-8

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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