Technical Data Sheet

ACS Material Highly Oriented Pyrolytic Graphite
(HOPG-Grade A)

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Revision: 010318
1. Properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Black block</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purity</td>
<td>&gt;99.99%</td>
</tr>
<tr>
<td>Mosaic Spread Angle</td>
<td>0.5°±0.1°</td>
</tr>
<tr>
<td>Size</td>
<td>10×10×1.0 mm</td>
</tr>
<tr>
<td></td>
<td>20×20×1.0 mm</td>
</tr>
<tr>
<td></td>
<td>20×20×(1.6-2.0) mm</td>
</tr>
</tbody>
</table>

2. Application Fields

1) Scanning tunneling microscopy-calibration and substrates
2) Graphite Monochromators
3) X-Ray diffraction
4) Neutron scattering and diffraction

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