Technical Data Sheet

ACS Material Pyrolytic Graphite Powder

Table of Contents

1 – Preparation Method
2 – Physical and Chemical Properties
3 – Application Fields

Contact Information:
Manufacturer: ACS Material, LLC.
Address: 959 E Walnut St., Suite 100, Pasadena, CA 91106
Phone: (866)-227-0656
Fax: (781)-518-0284
E-Mail: contact@acsmaterial.com
Revision: 051217
1. Preparation Method

Ball-milling method.

2. Characterizations

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particle size:</td>
<td>&lt;50 μm</td>
</tr>
<tr>
<td>C content:</td>
<td>100%</td>
</tr>
<tr>
<td>Density:</td>
<td>2.10-2.23 g/cm³</td>
</tr>
<tr>
<td>Melting point:</td>
<td>≥3400°C</td>
</tr>
<tr>
<td>Maximum operating temperature:</td>
<td>2300°C</td>
</tr>
</tbody>
</table>

Typical SEM Image of ACS Material Pyrolytic Graphite Powder
3. Application Fields

Monochromator for neutron and X-ray scattering studies, biomedicine, military, plastics and metals reinforce, electronic thermal management, thermal interface material, friction adding etc.

Disclaimer: ACS Material, LLC believes that the information in this Technical Data Sheet is accurate and represents the best and most current information available to us. ACS Material makes no representations or warranties either express or implied, regarding the suitability of the material for any purpose or the accuracy of the information contained within this document. Accordingly, ACS Material will not be responsible for damages resulting from use of or reliance upon this information.