Cargill BiOH® 6800 polyol

Product Description

BiOH® 6800 product is soy-based polyol suitable for polyurethane applications.

Product Numbers

130030983 BiOH® 6800 polyol totes
130030978 BiOH® 6800 polyol drum
130030972 BiOH® 6800 polyol bulk

Applications

• Composites
• Froth foams
• Molded gaskets
• Molded Foams
• Pultrusion application
• Adhesives
• Various other polyurethane applications

Advantages

BiOH® 6800 is a bio-polyol for use in various applications. The low viscosity allows for maximum flowability and flexibility for use in their polyurethane formulas. This product has a typical 98% bio-content according to the ASTM D6866.

Typical Properties

<table>
<thead>
<tr>
<th>CHEMICAL &amp; PHYSICAL ANALYSIS</th>
<th>MIN</th>
<th>TARGET</th>
<th>MAX</th>
<th>UOM</th>
<th>METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acid Number (mg Koh/g)</td>
<td>0</td>
<td>1.0</td>
<td>1.5</td>
<td>MKG</td>
<td>AOCS Cd 3d-63</td>
</tr>
<tr>
<td>Hydroxyl Value (MG KOH/G)</td>
<td>112</td>
<td>-</td>
<td>130</td>
<td>MKG</td>
<td>ASTM E1899-02</td>
</tr>
<tr>
<td>Moisture (PPM)</td>
<td>-</td>
<td>1,000</td>
<td>2,600</td>
<td>ppm</td>
<td>CIS M2</td>
</tr>
<tr>
<td>Appearance</td>
<td>-</td>
<td>PASS TEST</td>
<td>-</td>
<td>Visual Evaluation</td>
<td></td>
</tr>
<tr>
<td>Flash Point, Closed Cup</td>
<td>130</td>
<td>-</td>
<td>-</td>
<td>ºC</td>
<td>ASTM D93</td>
</tr>
<tr>
<td>Color (Gardner)</td>
<td>0</td>
<td>2.5</td>
<td>3</td>
<td>-</td>
<td>ASTM D1544</td>
</tr>
<tr>
<td>Viscosity at 25 ºC (Centipoise)</td>
<td>1,000</td>
<td>-</td>
<td>3,000</td>
<td>cP</td>
<td>AST D2196</td>
</tr>
</tbody>
</table>

1 Note: The specification for quality is final at loading. Cargill reserves the right to use internal analytical methods that follow the international reference methods.
Packaging, Storage, and Handling

BiOH® products are available in different formats depending on their origin. Please contact us for details.

Shelf Life

12 months when stored between 70°F and 110°F (21°C to 43°C) in a closed container.

Environmental and Safety

Please request our Safety Data Sheet.

If you have further questions do not hesitate to reach out to your local representative.