CARBOWAX™ Polyethylene Glycol (PEG) 3350

Product(s)
CARBOWAX™ POLYETHYLENE GLYCOL 3350 FLAKE (Inhibited)
CARBOWAX™ POLYETHYLENE GLYCOL 3350 GRANULAR
CARBOWAX(TM) Polyethylene Glycol 3350 Granular (Uninhibited)
CARBOWAX™ POLYETHYLENE GLYCOL 3350 POWDER
CARBOWAX(TM) POLYETHYLENE GLYCOL 3350 MOLTEN

Description
Polyethylene Glycol

CAS Number
25322-68-3

Applications
Adhesives
Chemical Intermediates
Ceramic Glaze
Detergents and Household Cleaners
Dye Carrier
Lubricants
Mining
Mold Release Agent
Plasticizer

Typical Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form</td>
<td>Waxy solid</td>
</tr>
<tr>
<td>Average Number of Repeating Oxyethylene Units</td>
<td>76</td>
</tr>
<tr>
<td>Range of Average Molecular Weight</td>
<td>3015-3685</td>
</tr>
<tr>
<td>Range of Average Hydroxyl Number, mg KOH/g</td>
<td>30-38</td>
</tr>
<tr>
<td>Density, g/cm³ at 60°C</td>
<td>1.093</td>
</tr>
<tr>
<td>Melting or Freezing Range, °C</td>
<td>53-57</td>
</tr>
<tr>
<td>Solubility in Water at 20°C, % by weight</td>
<td>67</td>
</tr>
<tr>
<td>Viscosity at 100°C, cSt</td>
<td>90.8</td>
</tr>
<tr>
<td>Heat of Fusion, Cal/g</td>
<td>39</td>
</tr>
</tbody>
</table>

(1) Typical properties, not to be construed as specifications

FDA Status
CARBOWAX™ Polyethylene Glycols are produced to meet the requirements for use under Food Additive Regulations for indirect use as components of articles intended for use in contact with food. It is the responsibility of the user of CARBOWAX™ PEGs and MPEGs to read and understand all current applicable FDA and EPA regulations, as well as any other applicable regulations.

Product Stewardship
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