CARBOWAX™ Polyethylene Glycol (PEG) 200

Product
CAS # 25322-68-3

Description
Polyethylene Glycol

Applications
Adhesives
Antistatic Agent
Chemical Intermediates
Inks
Lubricants
Mold Release Agent
Plasticizer

Typical Physical Properties(1)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Average Number of Repeating Oxyethylene Units</td>
<td>4.1</td>
</tr>
<tr>
<td>Range of Average Molecular Weight</td>
<td>190 - 210</td>
</tr>
<tr>
<td>Range of Average Hydroxyl Number, mg KOH/g</td>
<td>535 - 590</td>
</tr>
<tr>
<td>Density, g/cm³ at 20°C</td>
<td>1.124</td>
</tr>
<tr>
<td>Melting or Freezing Range, °C</td>
<td>Sets to glass below -65</td>
</tr>
<tr>
<td>Solubility in Water at 20°C, % by weight</td>
<td>Complete</td>
</tr>
<tr>
<td>Viscosity at 100°C, cSt</td>
<td>4.3</td>
</tr>
<tr>
<td>Average Liquid Specific Heat, cal/g°C</td>
<td>0.51</td>
</tr>
<tr>
<td>Heat of Fusion, Cal/g</td>
<td>Sets to glass below -65</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
Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

Notice: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for the Customer’s use and for ensuring that the Customer’s workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to “Dow” or the “Company” mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.