CARPOL® PGP-1000 Polyether Polyol

CARPOL® PGP-1000 is a propylene glycol-initiated polyether polyol. The resulting material has a functionality of two and an average molecular weight of 1000 Da. This diol is polymerized solely with propylene oxide for controlled reactivity. Main applications include C.A.S.E., however, CARPOL® PGP-1000 may also be included as a component in other urethane products and formulations.

Typical End Use Applications
- Coatings
- Sealants
- Adhesives
- Elastomers
- Binders
- Caulks
- Spray Coatings
- Sport Surfaces

Typical Analytical Properties
- Hydroxyl Number (mg KOH / g) 112
- pH (10 parts of IPA: 6 parts of H₂O) 7.0
- Moisture (%) [maximum] 0.02
- Color (APHA) [maximum] 35
- Appearance Free & Clear
- Viscosity @ 25 °C (cP) 150
- Density @ 25 °C (lb / gal) 8.28
- Potassium (ppm) [maximum] 1.0

Viscosity Profile

Viscosity Information
- 77 °F 100 °F 120 °F
- 150 cP 75 cP 50 cP

Please note that these values are not specifications

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Storage Information

CARPOL® PGP-1000 will absorb water if the product container is not secured properly. This may affect reactivity, appearance, and performance. Therefore, it is advised that all receptacles containing this material be tightly fastened and stored in a dry place.

Consult the Safety Data Sheet for additional information.

Health and Safety Information

Health and safety information is available in the form of a Safety Data Sheet. This literature, describing proper precautions and personal protective gear, is available for review. To receive this information please contact a Carpenter Co. representative.

Ordering and Shipping Options

CARPOL® PGP-1000 can be acidified to a nominal pH of either 5 or 6 upon request. These materials are denoted as CARPOL® PGP-1000-50 polyether polyol and CARPOL® PGP-1000-60 polyether polyol, respectively.

<table>
<thead>
<tr>
<th>Sample Sizes</th>
<th>Products Packaged/Shipped</th>
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</thead>
<tbody>
<tr>
<td>1 quart</td>
<td>Drum 460 lb net wt.</td>
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<tr>
<td>1 gallon</td>
<td>Totebin 2,300 lb net wt.</td>
</tr>
<tr>
<td>5 gallon</td>
<td>Tankwagon 40,000-45,000 lb net wt.</td>
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<tr>
<td></td>
<td>Railcar 185,000-189,000 lb net wt.</td>
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For additional information please contact:
Carpenter Co.
Chemicals Division
Customer Service 800-260-5373
5016 Monument Avenue
Richmond VA 23230

Distributed by:

www.tri-iso.com

Request Quote or Samples

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Warning: These products can be used to prepare a variety of polyurethane products. Polyurethanes are organic materials and must be considered combustible.