

CARPOL[®] PES-375 POLYESTER POLYOL

Preliminary Technical Data

Description

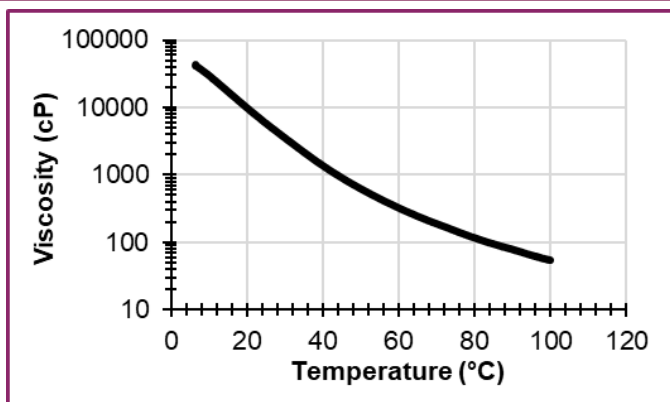
CARPOL[®] PES-375 Polyester Polyol is targeted for use in rigid polyurethane (PU) foam applications. The high functionality of CARPOL[®] PES-375 provides increased dimensional stability without compromising on viscosity or flammability performance. The advantageous properties of this polyol make it ideal for use in spray polyurethane foam (SPF).

Typical Data

| Property | Value* |
|-----------------------------------|--------|
| Hydroxyl Number (mg KOH / g) | 375 |
| Viscosity @ 25 °C (cP) | 6,500 |
| Moisture (%) [maximum] | 0.2 |
| Functionality | 3.0 |
| Acid Value (mg KOH / g) [maximum] | 2.0 |
| Equivalent Weight | 150 |
| Density @ 25 °C (lb / gal) | 10.43 |

*Please note that these values are not specifications.

Viscosity Profile



Viscosity Information

| 77 °F | 100 °F | 120 °F |
|----------|----------|--------|
| 6,500 cP | 1,700 cP | 680 cP |

Important: The information contained in this product data sheet is offered for your consideration, investigation, and verification. The data is presented in good faith and is believed to be reliable. Carpenter, however, makes no representation as to the completeness or accuracy. Carpenter makes no warranty, expressed or implied, with respect to the data contained herein. Carpenter cannot anticipate all conditions under which this data and the product may be used. The conditions of handling, storage, use, and disposal of the product are beyond Carpenter's control. Thus we expressly disclaim responsibility or liability for any loss, damage, or expense arising out of reliance on the information contained herein. You are advised to make your own determination as to safety, suitability, and appropriate manner of handling, storage, use, and disposal. For further information please consult the appropriate Carpenter Safety Data Sheet. **Warning:** These products can be used to prepare a variety of polyurethane products. Polyurethanes are organic materials and must be considered combustible.

End Use Applications

- ◆ Spray Insulation
- ◆ Boardstock
- ◆ Insulated Metal Panels
- ◆ Refrigeration

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.

Storage Information

CARPOL[®] PES-375 Polyester Polyol 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.

Ordering Information

Products Packaged/Shipped

- Drum 460 lb (209 kg) net wt.
- Totebin 2,300 lb (1,043 kg) net wt.
- Tankwagon 40,000-45,000 lb net wt.
- Railcar 180,000-200,000 lb net wt.

For additional information please contact:

Carpenter Co.
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