

CARPOL[®] PES-305 POLYESTER POLYOL

TECHNICAL DATA SHEET

Description

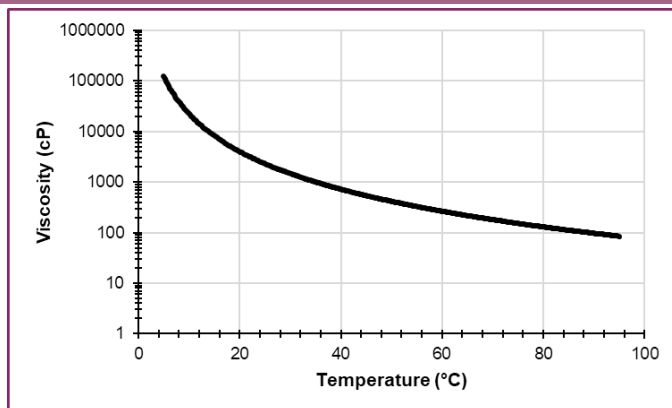
CARPOL[®] PES-305 Polyester Polyol is used in rigid polyurethane (PUR) and polyisocyanurate (PIR) applications. CARPOL[®] PES-305's aromatic content provides increased energy efficiency and requires lower flame retardant levels in formulation. Its intermediate viscosity and higher functionality can be incorporated into a variety of applications.

Typical Data

Property	Value*
Hydroxyl Number (mg KOH / g)	300
Viscosity @ 25 °C (cP)	5,000
Moisture (%) [maximum]	0.2
Functionality	2.2
Acid Value (mg KOH / g) [maximum]	1.5
Equivalent Weight	187
Density @ 25 °C (lb / gal)	10.35

*Please note that these values are not specifications.

Viscosity Profile



Viscosity Information

77 °F	100 °F	120 °F
4,500 cP	1,300 cP	400 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-305 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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