Technical Data Sheet

CARPENTER CO.
Chemicals Division

CARPOL® GP-725 *Polyether Polyol*

REACTIVE TRIOL

CARPOL® GP-725 is a glycerin-initiated polyether polyol. The resulting material has a functionality of three and an average molecular weight of 700 Da. This triol is polymerized with propylene oxide and then capped with 25% ethylene oxide. The outcome is a polyol with enhanced reactivity when compared to its counterpart CARPOL® GP-700. Main applications include C.A.S.E., however, CARPOL® GP-725 may also be included as a component in other urethane products and applications.

Typical End Use Applications

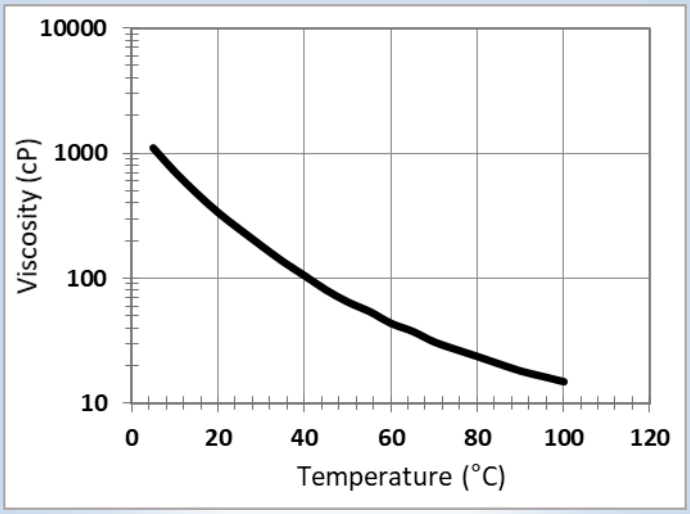
- Coatings
- Sealants
- Potting Compounds
- Adhesives
- Elastomers

Typical Analytical Properties*

Hydroxyl Number (mg KOH /g)		240
pH (10 parts of IPA: 6 parts of H_2O)		7.0
Moisture (%)	[maximum]	0.04
Color (APHA)	[maximum]	35
Appearance		Free & Clear
Viscosity @ 25 °C (cP)		250
Density @ 25 °C (lb / gal)		8.36
Potassium (ppm)	[maximum]	5.0

*Please note that these values are not specifications

Viscosity Profile



Viscosity Information

77 °F	100 °F	120 °F
250 cP	105 cP	65 cP

Updated October 2020

Storage Information

CARPOL® GP-725 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® GP-725 can be acidified to a nominal pH of either 5 or 6 upon request. These materials are denoted as CARPOL® GP-725-50 polyether polyol and CARPOL® GP-725-60 polyether polyol, respectively.

Sample Sizes	Products Packaged/Shipped
1 quart	Drum 460 lb net wt.
1 gallon	Totebin 2,300 lb net wt.
5 gallon	Tankwagon 40,000-45,000 lb net wt.
	Railcar 185,000-189,000 lb net wt.

For additional information please contact:
Carpenter Co.
Chemicals Division
Customer Service 800-260-5373
5016 Monument Avenue
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Updated 26 Oct 2020