Technical Data Sheet

CARPENTER CO.
Chemicals Division

CARPOL® PGP-2740 *Polyether Polyol*

REACTIVE DIOL

CARPOL® PGP-2740 is a propylene glycol-initiated polyether polyol. The resulting material has a functionality of two and an average molecular weight of 2700 Da. This diol is polymerized with propylene oxide and then capped with 40% ethylene oxide. The outcome is a polyol with enhanced reactivity and hydrophilicity. Main applications include C.A.S.E., however, CARPOL® PGP-2740 may also be included as a component in other urethane products and formulations.

Typical End Use Applications

- Coatings
- Sealants
- Binders
- Caulks
- Adhesives
- Elastomers
- Spray Coatings
- Sport Surfaces

Typical Analytical Properties*

Hydroxyl Number (mg KOH /g)		42
pH (10 parts of IPA: 6 parts of H_2O)		7.0
Moisture (%)	[maximum]	0.04
Color (APHA)	[maximum]	70
Appearance		Free & Clear
Viscosity @ 25 °C (cP)		500
Density @ 25 °C (lb / gal)		8.76
Potassium (ppm)	[maximum]	1.0

*Please note that these values are not specifications

Updated October 2020

Storage Information

CARPOL® PGP-2740 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

Carpenter Co. offers different shipping options. Please contact your sales representative for details.

For additional information please contact:
Carpenter Co.
Chemicals Division
Customer Service 800-260-5373
5016 Monument Avenue
Richmond VA 23230

CARPOL® PGP-2740 can be acidified to a nominal pH of either 5 or 6 upon request. These materials are denoted as CARPOL® PGP-2740-50 polyether polyol and CARPOL® PGP-2740-60 polyether polyol, respectively.