

Poly-G[®] 83-65

Poly-G[®] 83-65 polyol is a hetero polyol that contains high ethylene oxide, imparting good hydrophilic properties to products made with it. With relative high reactivity, it has been used in applications ranging from soft elastomers to sponge-like flexible foams, including visco-elastic foams which provides cell opening functionality. Poly-G 83-65 polyol has a nominal molecular weight of 2500. It is a stable, practically colorless liquid that is neither volatile nor corrosive.

Typical Properties

Avg. Mol Wt (g/mol.)	2500
Hydroxyl No. (mg KOH/g)	65
Viscosity 25°C, cps	485
Specific Gravity, 25/25°C	1.068
Density, 25°C (lb/gal)	8.91
Appearance	Colorless
Color (APHA)	50
pH in 10/6 Isopropanol/ Water	5- 6
Water, max. (% by wt)	0.06
Acid Number (mg KOH/g)	0.04
Flash Point (C°) Open Cup	150-260°
Functionality	3

Note: The properties reported above are typical physical properties. Monument Chemical in no way guarantees that the product from any particular lot will conform exactly to the given values.

Fig. 1 Poly-G 83-65 Viscosity vs. Tempt.

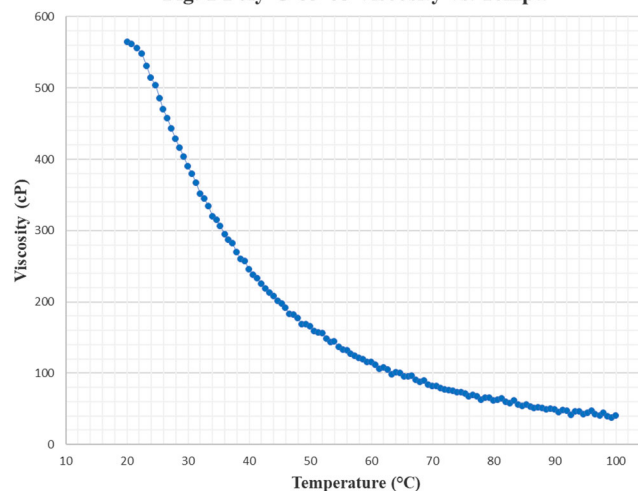
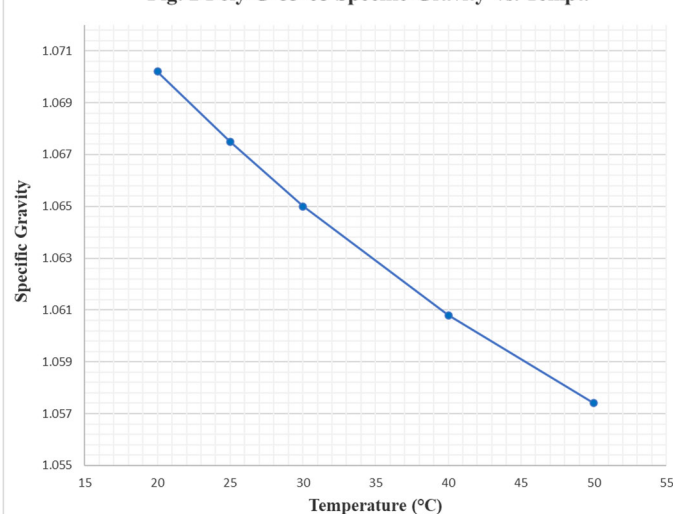


Fig. 2 Poly-G 83-65 Specific Gravity vs. Tempt.



Health and safety information

Under current U.S. OSHA's Hazardous Communication program Poly-G® 83-65 is not considered hazardous.

Observe good industrial hygiene practices and use appropriate Personal Protective Equipment.

For full safety information please refer to the Safety Data Sheet.

Storage and Handling

Poly-G® 83-65 presents no unusual problems for ordinary handling and storage. Consideration must be given to some of its properties when high product purity must be maintained.

Poly-G® 83-65 is hygroscopic, the product can absorb atmospheric moisture up to several percentage. It should be stored in original drums or bulk tanks if possible. Product needs to be blanketed with dry nitrogen gas after each usage.

Provided proper storage and handling precautions are taken, Poly-G® 83-65 manufactured and delivered by Monument Chemical is stable for at least 24 months from the date of manufacture. Poly-G® 83-65 that is subsequently repackaged, handled and/or delivered by third parties may have a different shelf life and may require third party shelf life studies. Product past the expiration date should be evaluated to confirm that all specifications are within their limits before use.

Additional Information

To learn more about Monument Chemical and the products and services we offer please visit our website at www.monumentchemical.com.

Effective Date: 10/19/2023

Revision: 1

Disclaimers

Please refer to the Safety Data Sheet (SDS) for complete information on Storage and Handling, Toxicological Properties, Personal Protection, First Aid, Spill and Leak Procedures, and Waste Disposal. To order an SDS, email SDS@monumentchemical.com. Before using or handling this product, the SDS should be thoroughly reviewed.

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