

Poly-G[®] 83-170

Poly-G[®]* 83-170 polyol is a hetero polyol that contains unusually high ethylene oxide content, imparting good hydrophilic properties to products made with it. It has been used in applications ranging from soft elastomers to sponge-like flexible foams.

A glycerol-based triol, *Poly-G* 83-170 polyol has a nominal molecular weight of 1000. It is a stable, practically colorless liquid that is neither volatile nor corrosive, with a low pour point and high flash point.¹

Typical physical properties are presented in Table 1.

Table 1
Typical Physical Properties

Hydroxyl No. (mgKOH/g)	170
Water (% by weight), max	0.05
Acid No. (mgKOH/g), max	0.05
Color (APHA)	70 max.
pH in 10/6 Isopropanol/Water	6
Appearance @ 50°C	Clear & substantially free of suspended matter
Viscosity @ 25°C (cps)	185
Specific Gravity @ 25°C	1.10
Flash Point ¹ , COC (°C)	>149
(°F)	>300

Storage and Handling

Poly-G 83-170 polyol should be stored in a cool, dry area. To prevent moisture absorption, this product may be stored under an atmosphere of dry nitrogen.

Poly-G 83-170 polyol should not come in contact with strong oxidizers.

For More Information Technical Service

Technical service is available to facilitate further use of Monument Chemical products. If you have a specific question or need further information, please write or call Monument Chemical, Customer Service, 2450 Olin Road, Brandenburg, KY 40108; (800) 636-3786, or fax: (270) 422-6456.

Or visit our web site at: www.monumentchemical.com

How To Order

To place orders for delivery in the U.S. or Canada and to get fast answers on order status or product availabilities, call our toll-free number: (800) 636-3786.

For written inquiries about orders, and to place confirmations, send to Monument Chemical, Customer Service, 2450 Olin Road, Brandenburg, KY 40108.

¹The flammability properties of this material, or any other material, are not intended to reflect the fire hazards presented by any resultant cellular or foamed plastic product.

Please refer to the Material Safety Data Sheet (MSDS) for complete information on Storage and Handling, Toxicological Properties, Personal Protection, First Aid, Spill and Leak Procedures, and Waste Disposal. To order an MSDS, call Monument Chemical at (800) 636-3786. Before using or handling this product, the MSDS should be thoroughly reviewed.

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