

Poly-G[®] 92-27 Graft Polyol

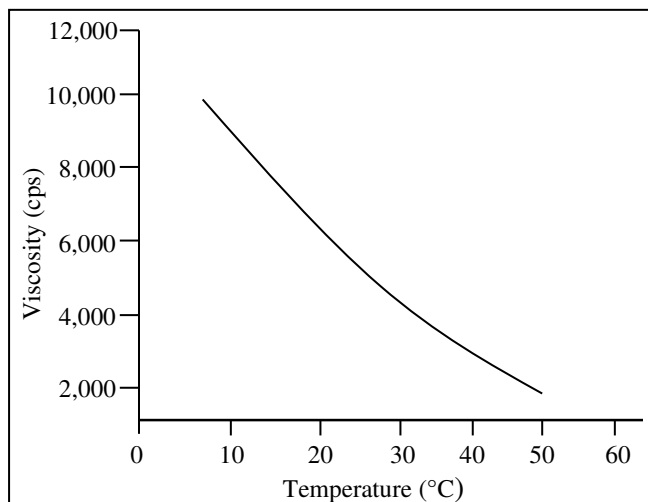
Poly-G[®]* 92-27 polyol is a nominal 43% solids graft polyol which contains a stable dispersion of copolymerized styrene and acrylonitrile. It is designed for the production of very firm grades of flexible slabstock foams. However, it can also be blended with conventional polyether polyols to produce intermediate firmness foams. *Poly-G* 92-27 polyol has been processed successfully on all commonly used foam processing equipment.

Physical properties of *Poly-G* 92-27 polyol are shown in Table 1 and in Chart 1.

Table 1
Typical Physical Property of *Poly-G* 92-27 Graft Polyol

Solids, nominal (%)	43
Hydroxyl Number (mg KOH/g)	28.0
Acid Number (mg KOH/g), max	0.10
Water (% by weight), max	0.05
Density @ 25°C [77°F] (lb/gal)	8.70
Specific Gravity @ 25°C [77°F]	1.042
Viscosity @ 25°C [77°F] (cps)	5,000
Flash Point, COC (°C)	240
(°F)	464

Chart 1
***Poly-G* 92-27 Graft Polyol:**
Viscosity vs. Temperature



Storage and Handling

This material should not be taken internally. Avoid contact with skin, eyes or clothing. On contact with skin or eyes, wash off with water.

Poly-G 92-27 graft polyol is an opaque white liquid with high flash point (see Table 1). Like other graft polyols, it has a moderately low pour point, but becomes quite viscous at temperatures below 50°F (10°C).

For ease of handling, *Poly-G 92-27* polyol should be stored at temperatures between 70°F (21°C) and 120°F (49°C). Temperatures can be maintained within this range by storing in heated and insulated tanks, or in tanks located in a heated building. Do not store near strong oxidizing agents.

Poly-G 92-27 polyol is hygroscopic. To prevent moisture pickup, the product must be stored under a blanket of dry gas, preferably nitrogen. Storage in the presence of air is not recommended because it can cause the product to turn yellow.

Poly-G 92-27 polyol is compatible with most of the commonly used materials of construction. Storage and handling equipment may be made of stainless steel, aluminum and resin lined steel.

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.

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, call Monument Chemical at (800) 636-3786. Before using or handling this product, the SDS should be thoroughly reviewed.

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