

Poly-G[®]* 21-112

Poly-G[®]* 21-112 polyether glycol is typically used in hydrophilic polyurethane applications. Typical physical properties of this product are shown in Table 1.

Table 1
Typical Physical Properties of *Poly-G* 21-112 polyether glycol

Table 1 - Typical Physical Properties	
<i>Poly-G</i>	21-112
Hydroxyl No., mg KOH/g	112
Color, APHA maximum 25% aqueous, except 21-187	30
pH in 10/6 in IPA/H ₂ O	5.5
Water Content, wt%, max	0.05
Acid No., mg KOH/g, max	0.05
Na & K, ppm, max	5
Viscosity @210 F, cs	18

Storage and Handling

Poly-G 21-112 is solid at ambient temperatures. Thus, storage tanks should be equipped with heating coils to maintain these products in a fluid state. Temperature s should not exceed 49 degrees Celsius (120 degrees Fahrenheit). Consideration must be given to some of its properties when high product purity must be maintained.

Poly-G 21-112 is hygroscopic. While water content at the time of shipment is low, the product can absorb atmospheric moisture in amounts up to several percent of its weight. Thus, storage should be in drums or bulk tanks under a blanket of dry nitrogen or -40° dew point dry air. Calcium chloride or silica gel drying systems should be installed on all vents to prevent atmospheric moisture from entering the tank. See Monument Chemical Data Sheet "Storage and Handling of *Poly-G* Polyols" for recommendations of construction materials and heating systems.

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 Material 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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