

Poly-G® 30-400T

Poly-G® 30-400T polyol is a propoxylated trimethylolpropane (TMP) containing all secondary hydroxyl groups. Its' primary use is in elastomer, coating and adhesive applications.

Poly-G 30-400T polyol has a nominal molecular weight of 420. It is a stable, practically colorless liquid that is neither volatile nor corrosive.

Typical physical properties are presented below. The effects of temperature on the viscosity and specific gravity are shown in Figures 1 and 2, respectively

Typical Properties

Hydroxyl No, mg KOH/g	400
Water (% wt)	0.05
Acid No., (mg KOH/g)	0.05
Color (APHA)	50
pH in 10/6 - IPA/H ₂ O	6.0

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.

Figure 1
Viscosity vs. Temperature
Poly-G 30-400T polyol

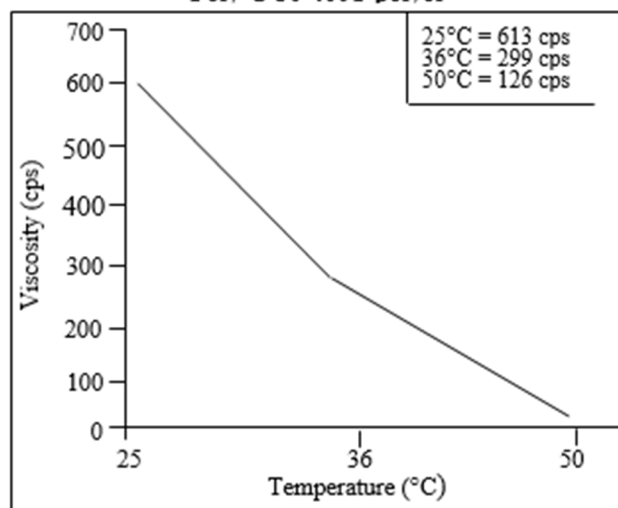
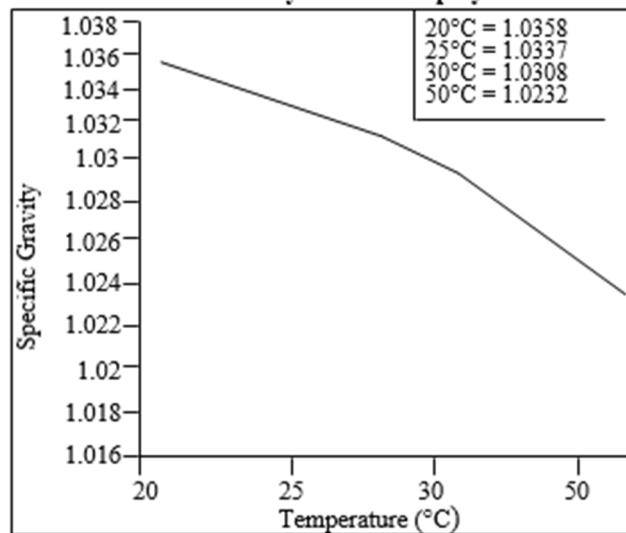


Figure 2
Specific Gravity vs. Temperature
Poly-G 30-400T polyol



Health and safety information

Under current U.S. OSHA's Hazardous Communication program Poly-G 30-400T 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 30-400T 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 30-400T 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.

Provided proper storage and handling precautions are taken, Poly-G 30-400T manufactured and delivered by Monument Chemical is stable for at least 24 months from the date of manufacture. Poly-G 30-400T 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: 1/2017

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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