

## Poly-G<sup>®</sup> 74-490

**Poly-G<sup>®</sup> 74-490** polyol is neutral, sucrose-based polyol designed for rigid foam applications. Its low hydroxyl value and low viscosity make it ideal for high density molder foams. This neutral polyol can be used alone or can be blended with autocatalytic polyols to vary the reactivity for various other applications.

### Typical Properties

Hydroxyl No. (mg KOH/g)	490
Acid No. (mg KOH/g), max.	0.2
Water (% by wt.), max.	0.08
Appearance	Pale yellow to light brown
Color, Gardner	8
Viscosity 25C°, cps	6300
Specific Gravity, 25/25°C	1.11
Density, 25°C, (lb./gal)	9.24
pH in 10/6 Isopropanol/water	7
Flash Point Open Cup (C°)/(F°)	200/380
Functionality	4.3
Solubility in Water	Soluble

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 74-490 Viscosity vs. Tempt.

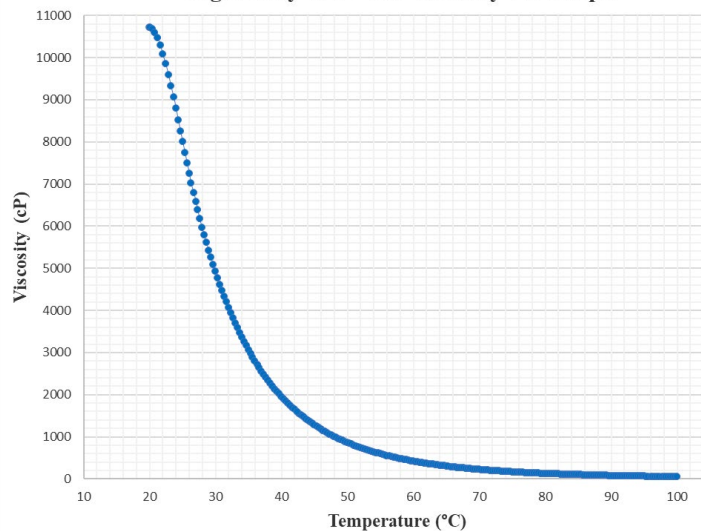
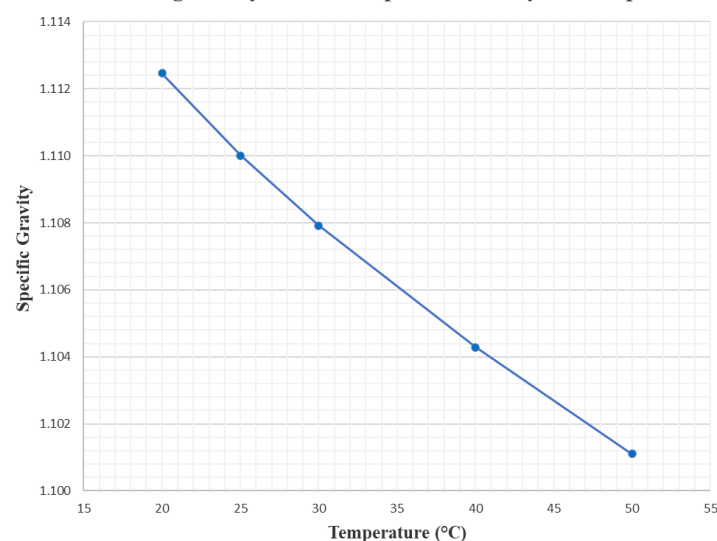


Fig. 2 Poly-G 74-490 Specific Gravity vs. Tempt.



## Health and safety information

Under current U.S. OSHA's Hazardous Communication program Poly-G® 74-490 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® 74-490 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® 74-490 is hygroscopic, the product can absorb atmospheric moisture up to several percent. 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® 74-490 manufactured and delivered by Monument Chemical is stable for at least 24 months from the date of manufacture. Poly-G® 74-490 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](http://www.monumentchemical.com).

Effective Date: 11/27/2023

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](mailto:SDS@monumentchemical.com). Before using or handling this product, the SDS should be thoroughly reviewed.

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