

## *Poly-A*<sup>®</sup> 27-2000 Difunctional Primary Amine

*Poly-A*<sup>®</sup>\* 27-2000 polyoxproplenediamine is a difunctional primary amine with a nominal molecular weight of 2000. Its light color, low viscosity, solubility in solvents, and low vapor pressure makes it ideal for Aromatic Spray Polyurea Elastomer applications.

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

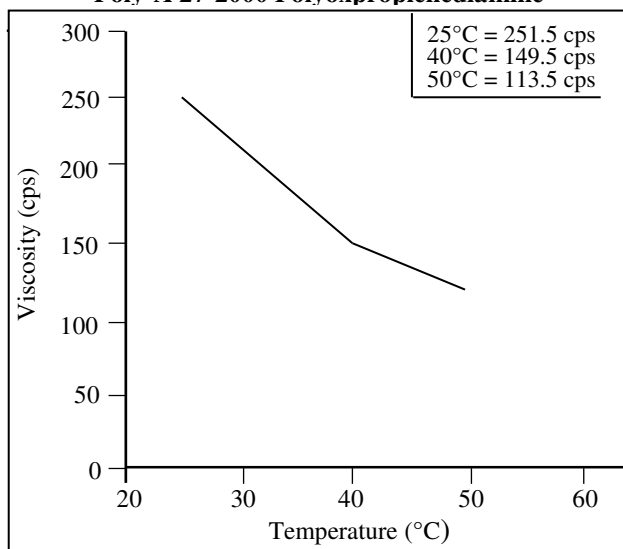
**Table 1**  
**Typical Physical Properties**

Color (APHA)	100
Viscosity cps, 25°C (77F)	250
Specific Gravity, 25°C	0.995
Refractive Index, 25°C	1.4498
Flash Point, CC	185C(365F)
Total Acetylatables, meq/g	1.05
Total amine, meq/g	1.00
Primary amine wt. %	97 minimum

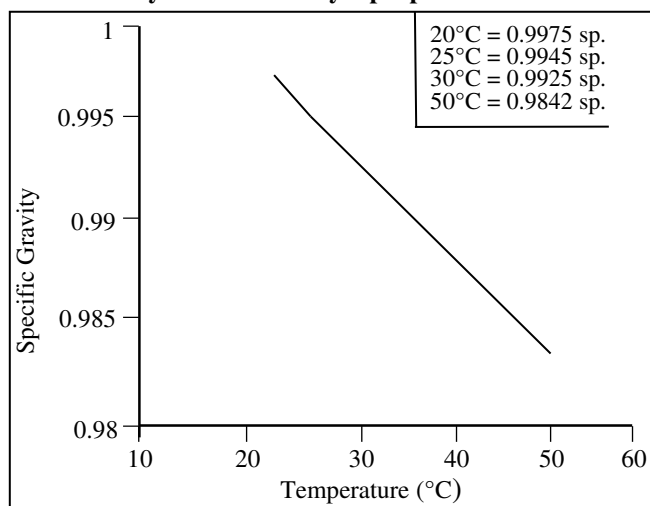
### Storage and Handling

*Poly-A* 27-2000 difunctional primary amine may be stored under air at temperatures of 75-100F; however, it is recommended that a nitrogen blanket be used in case of higher temperatures. Discoloration can occur at temperatures in excess of 140F.

**Figure 1**  
**Viscosity vs. Temperature**  
***Poly-A* 27-2000 Polyoxproplenediamine**



**Figure 2**  
**Specific Gravity vs. Temperature**  
***Poly-A* 27-2000 Polyoxproplenediamine**



\**Poly-A*<sup>®</sup> is a registered trademark of Monument Chemical Kentucky LLC.



## 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](http://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 (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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