

## *Poly-A*<sup>®</sup> 37-5000 Trifunctional Primary Amine

*Poly-A*<sup>®</sup> 37-5000 polyol is a trifunctional polyether primary amine with a nominal molecular weight of 5000. *Poly-A*'s light color, viscosity, solubility in solvents, and low pressure makes it ideal for coating and 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 of *Poly-A* 37-5000**  
**Trifunctional Primary Amine**

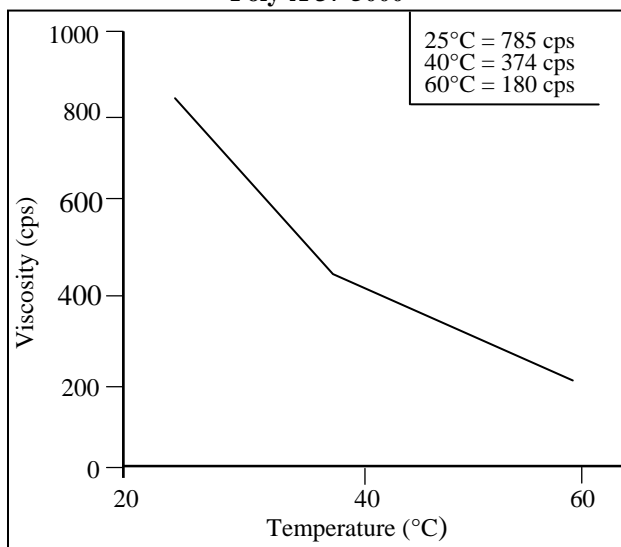
**Table 1 - Typical Physical Properties**

Color (APHA), max	50
Water ( wt%), max	0.1
Viscosity, cps, @25°C	785
Specific gravity, 25°	1.002
Total Acetylatables, meq/g	0.60
Total amine, meq/g	0.55
Primary amine, wt%	97 minimum

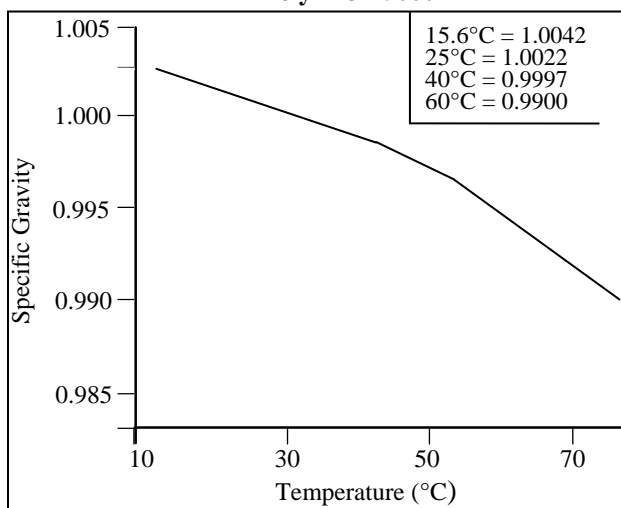
### Storage and Handling

*Poly-A* 37-5000 trifunctional primary amine may be stored under air at temperatures of 75-100°F; however it is recommended that a nitrogen blanket be used in case of higher temperatures. Discoloration can occur at temperatures in excess of 140°F.

**Figure 1**  
**Viscosity vs. Temperature**  
***Poly-A* 37-5000**



**Figure 2**  
**Specific Gravity vs. Temperature**  
***Poly-A* 37-5000**



## 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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