



MULTRANOL[®] 4034

Polyether Polyol

Product Information

Description

Multranol 4034 is a 625-molecular-weight sucrose-based polyether polyol used primarily in the production of rigid polyurethane foam. It is typically used in the manufacture of residential entry doors, bunstock, building panels, and refrigerated transportation vehicles. As with any product, use of Multranol 4034 polyol in a given application must be tested (including field testing, etc.) in advance by the user to determine suitability.

Product Specifications

| Property | Value |
|-----------------------------|---------------|
| Hydroxyl Number, mg KOH/g | 450–490 |
| Water, Wt. % (max) | 0.10 |
| Acid Number, mg KOH/g (max) | 0.10 |
| Viscosity at 25°C, mPa·s | 30,000–38,000 |

Typical Properties*

| Property | Value |
|------------------------------|---|
| Appearance | Clear amber to dark brown, viscous liquid |
| Specific Gravity at 25°C | 1.10 |
| Flash Point, PMCC, °C | 143 |
| Bulk Density at 25°C, lb/gal | 9.22 |

Storage

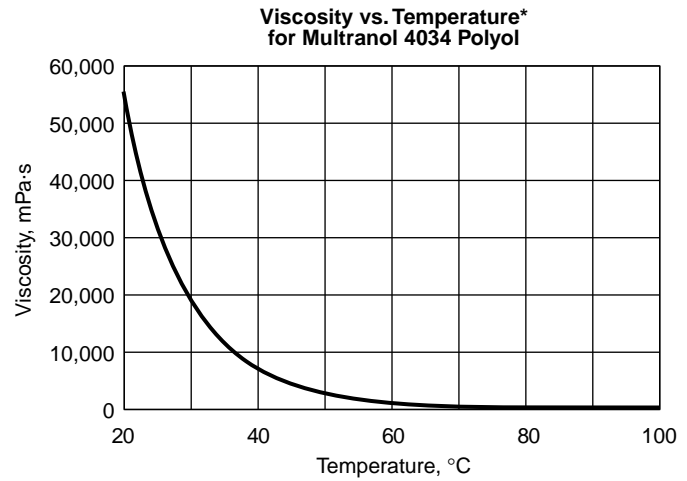
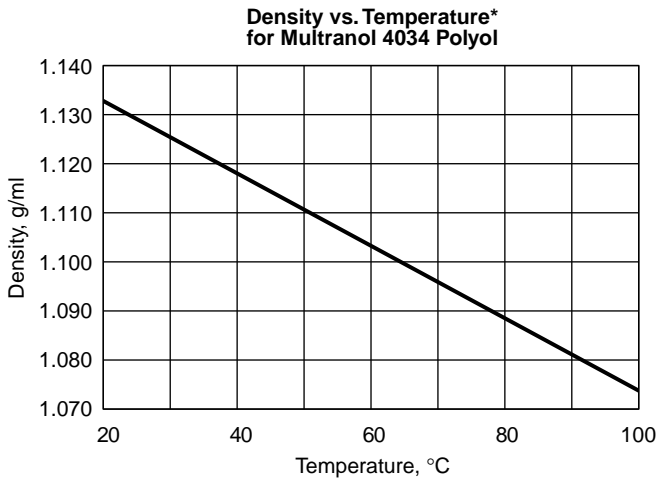
Multranol 4034 polyol is slightly hygroscopic and may absorb water. Containers should be kept tightly closed and protected from contamination with moisture and foreign materials, which can adversely affect processing.

This polyol can become quite viscous at low temperatures. For ease of handling, storage temperatures between ambient room temperature and 49°C (120°F) are recommended.

Health and Safety Information

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling Multranol 4034 polyol. Before working with this product, you must read and become familiar with the available information on its hazards, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., material safety data sheets and product labels. Consult your local Bayer MaterialScience representative or contact Bayer's Product Safety and Regulatory Affairs Department in Pittsburgh, Pa.

* These items are provided as general information only. They are approximate values and are not part of the product specifications.



*Data presented in this chart is derived from a single sample
And may vary from the typical properties information, which
Represents values derived by averaging data from various samples.*

Note: The information contained in this bulletin is current as of June 2009. Please contact Bayer MaterialScience to determine whether this publication has been revised.

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