Bayer MaterialScience

MULTRANOL® 4050

Product Information

Polyether Polyol

CAS No. 25214-63-5

Product Code: **K112**

Description

Multranol 4050 is a 360-molecular-weight amine-based tetrafunctional polyether polyol, which is primarily used to manufacture rigid polyurethane foams. As with any product, use of Multranol 4050 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	600–660
Water, Wt. % (max)	0.10
Color, Gardner (max)	6
Viscosity at 25°C, mPa·s	16,000–20,000

Typical Properties*

Property	Value
Appearance	Amber, viscous liquid
Specific Gravity at 25°C	1.02
Flash Point, PMCC, °C	196
Bulk Density at 25°C, lb/gal	8.51

Storage

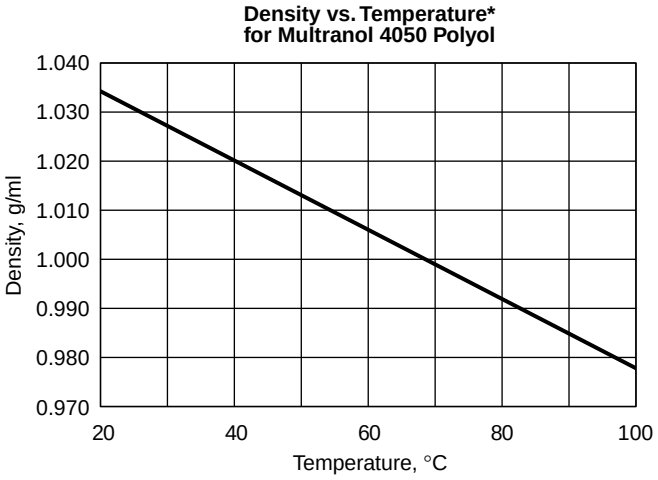
Multranol 4050 polyol is slightly hygroscopic and may absorb water. Containers should be kept tightly closed and protected from contamination with moisture and foreign materials, which can adversely affect processing.

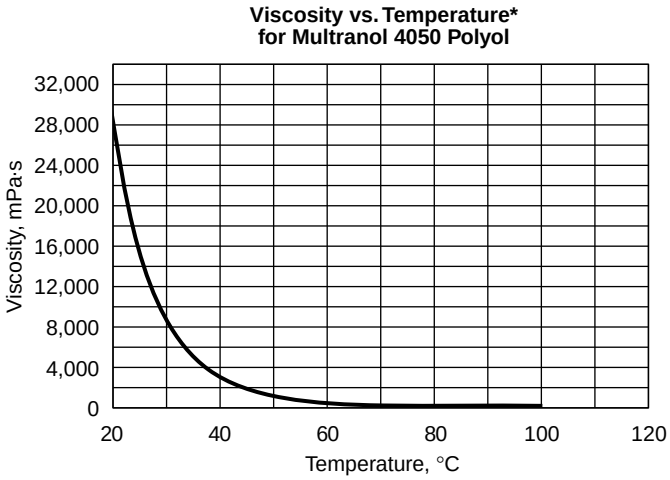
This polyol can become quite viscous at low temperatures. For ease of handling, storage temperatures between ambient room temperature and 49°C (120°F) are recommended.

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 4050 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 the 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 January 1997. Please contact Bayer MaterialScience to determine whether this publication has been revised.

Bayer MaterialScience LLC

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