



MULTRANOL 8162

Polyether Polyol

Description

Multranol 8162 is a sucrose-based polyether polyol used in the manufacture of rigid polyurethane foams. Multranol 8162 is an excellent general purpose polyol which shows good compatibility with a wide range of foam ingredients including other polyether and polyester polyols, catalysts, surfactants and various blowing agents. As with any product, the use of Multranol 8162 polyol in a given application must be tested (including but not limited to field testing) in advance by the user to determine suitability.

Product Specifications

Property	Value
Hydroxyl Number, mg KOH/g	398 - 422
Water content, Wt. % (max)	0.12
Acidity #, mg KOH/g (max) Wt.	0.50
Viscosity** @ 25°C, mPa·s	2800 - 4400

Typical Properties*

Property	Value
Appearance	Clear viscous liquid
Average Hydroxyl Funcionality	4.3
Specific Gravity at 25°C	1.1
Flash Point, PMCC, °F	> 300
Bulk Density, @25°C, lb/gal	9.1

Storage

Multranol 8162 is slightly hygroscopic and may absorb water. Containers should be kept tightly closed and protected from heat, moisture and foreign materials, which can adversely affect processing.

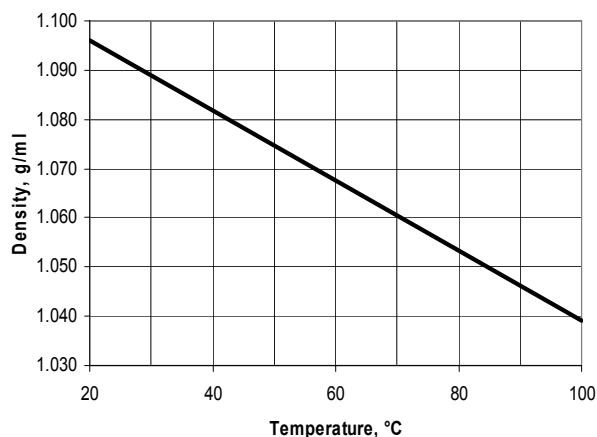
This polyol can become quite viscous at low temperatures. For ease of handling, storage temperatures between ambient room temperature and 49°C (120°F) are recommended.

Health and Safety Information

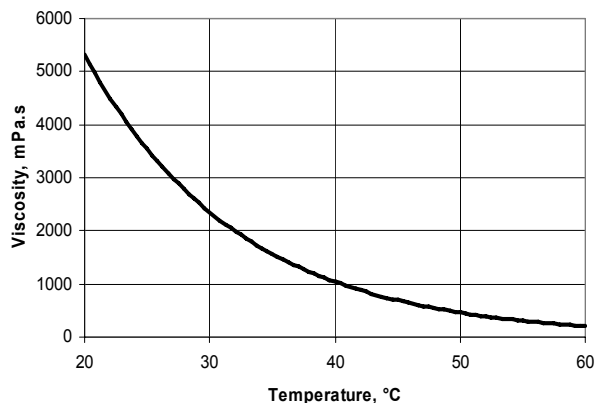
Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling Multranol 8162. Before working with this product, you must read and become familiar with the available information on its hazards, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., material safety data sheets (MSDS) and product labels. Consult your Bayer MaterialScience representative or contact the Health, Safety, environment and Quality (HSEQ) Department in Pittsburgh, PA.

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

**Density vs. Temperature
for Multranol 8162 Polyol**



**Viscosity vs. Temperature
for Multranol 8162 Polyol**



Note: The information contained in this bulletin is current as of March 2008. Please contact Bayer MaterialScience to determine whether this publication has been revised.

Bayer MaterialScience LLC

100 Bayer Road • Pittsburgh, PA 15205-9741 • Phone: 1-800-662-2927 • www.BayerMaterialScienceNAFTA.com

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Sales Offices

17320 Redhill Avenue, Suite 175, Irvine, CA 92614-5660 • 1-949-833-2351 • Fax: 1-949-752-1306
1000 Route 9 North, Suite 103, Woodbridge, NJ 07095-1200 • 1-732-726-8988 • Fax: 1-732-726-1672
2401 Walton Boulevard, Auburn Hills, MI 48326-1957 • Phone: 1-248-475-7700 • Fax: 1-248-475-7701
