



# MULTRANOL<sup>®</sup> 8114

## *Polyether Polyol*

CAS No. 67800-94-6

Product Code: K8114

Product Information

### Description

Multranol 8114 is a general-purpose aromatic amine-initiated polyether polyol used for the manufacture of rigid polyurethane foams. It is used in a variety of insulation applications where flow is important, such as refrigerated transportation vehicles, residential entry doors, water heaters, and portable coolers. As with any product, use of Multranol 8114 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	385–405
Water, Wt. % (max)	0.10
Acid Number, mg KOH/g (max)	1.0
Viscosity* at 25°C, mPa·s	5,300–12,300

### Typical Properties\*\*

Property	Value
Appearance	Amber to yellow viscous liquid
Specific Gravity at 25°C	1.00
Flash Point, PMCC, °C	>93
Bulk Density at 25°C, lb/gal	8.345

### Storage

Multranol 8114 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 8114 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.

\* Falling ball viscosity method.

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

Note: The information contained in this bulletin is current as of September 1998. Please contact Bayer MaterialScience to determine whether this publication has been revised.

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