

# MONDUR<sup>®</sup> 448

## Polymeric MDI

Product Information

Product Code: **E448**

### Description

Mondur 448 is a modified polymeric diphenylmethane diisocyanate prepolymer used for semi-rigid foams, elastomers, coatings, and adhesives. As with any product, use of Mondur 448 isocyanate in a given application must be tested (including field testing, etc.) in advance by the user to determine suitability.

### Storage

Mondur 448 isocyanate must be stored in tightly closed containers and protected from contamination with moisture and foreign materials, which can adversely affect processing. Storage should be maintained at temperatures between 18° and 30°C (64° and 86°F).

### Product Specifications

Property	Value
Acidity, % (max)	0.04
NCO, Wt. %	27.1–28.1
Viscosity* at 25°C, mPa·s	90–190

### Health and Safety Information

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling Mondur 448 isocyanate. 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 Bayer MaterialScience representative or contact Bayer's Product Safety and Regulatory Affairs Department in Pittsburgh, Pa.

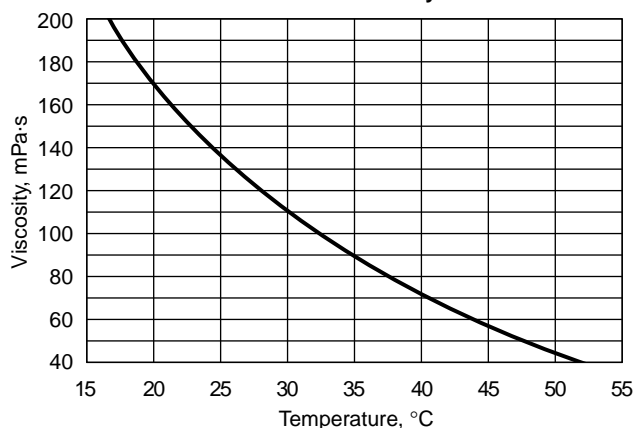
### Typical Properties\*\*

Property	Value
Appearance	Dark brown liquid
Specific Gravity at 25°C	1.23
Flash Point, PMCC, °C	188
Density at 25°C, lb/gal	10.3

\* Brookfield viscosity method.

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

**Viscosity vs. Temperature\*  
for Mondur 448 Isocyanate**



*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

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

