Bayer MaterialScience

Product Information

DESMOPHEN® 2000

Polyester Polyol

Description

Desmophen 2000 is a 2,000-molecular-weight polyethylene adipate diol. It is typically used in the production of solid polyurethane elastomers, elastomeric coatings, adhesives, and microcellular and spray elastomers. As with any product, use of Desmophen 2000 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	52–58
Water Content, % (max)	0.05
Acid Number, mg KOH/g (max)	1.0
Viscosity at 73°C, mPa•s	400–750
Color, Gardner (max)	2

Typical Properties*

Property	Value
Appearance at room temperature	Off-white to slightly yellow solid
Specific Gravity at 25°C	1.28
Flash Point (PMCC), °C	304
Bulk Density at 25°C, lb/gal	10.7

Storage

Desmophen 2000 polyol is 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. Storage should be maintained between room temperature and 75°C (167°F). Desmophen 200 will remain stable for twelve months after receipt of material by customer.

Health and Safety Information

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling Desmophen 2000 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 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.*

Note: The information contained in this bulletin is current as of February 1997. Please contact Bayer MaterialScience to determine whether this publication has been revised.

Bayer MaterialScience LLC

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