Bayer MaterialScience

Product Information

DESMOPHEN® 2001 K

Polyester Polyol

Description

Desmophen 2001 K is an uncatalyzed, 2,000-molecular-weight polyethylene/polybutylene adipate diol. This product is typically used in the production of high-property polyurethane elastomers, elastomeric coatings, and adhesives. As with any product, use of Desmophen 2001 K 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)	0.10
Acid Number, mg KOH/g (max)	1.0
Viscosity at 73°C, mPa•s	540–770
Color, Gardner (max)	2

Typical Properties*

Property	Value
Appearance at 25°C	white to pale yellow to semi-solid
Specific Gravity at 25°C	1.17
Flash Point (PMCC), °C	215
Bulk Density at 25°C, lb/gal	9.8

Storage

Desmophen 2001 K 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. Desmophen 2001 KS will remain stable for twelve months after receipt of material by customer. Storage should be maintained between room temperature and 75°C (167°F).

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 2001 K 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

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

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.

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

5583 2/97