Bayer MaterialScience

MULTRANOL® 8206

Product Information

Polyol

Product Code: **K8206**

Description

Multranol 8206 is a polyol used in the production of rigid polyurethane foams. It is used primarily in the appliance industry when combined with Mondur® 1451, a modified polymeric isocyanate. Foam formulations show excellent performance with respect to processability, demold properties, dimensional stability, and energy usage in refrigerators or freezers.

As with any product, use of Multranol 8206 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	418–453 mg KOH/g
Water, Wt. % (max)	0.14%
Acid Number	0.55–1.61 mg KOH/g

Typical Properties*

Property	Value
Appearance	Amber liquid
Specific Gravity at 25°C	1.13
Viscosity** at 25°C	12,500 mPa·s
Flash Point, PMCC	156°C

Storage

Multranol 8206 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. Storage should be maintained at temperatures between 18° and 49°C (65° and 120°F).

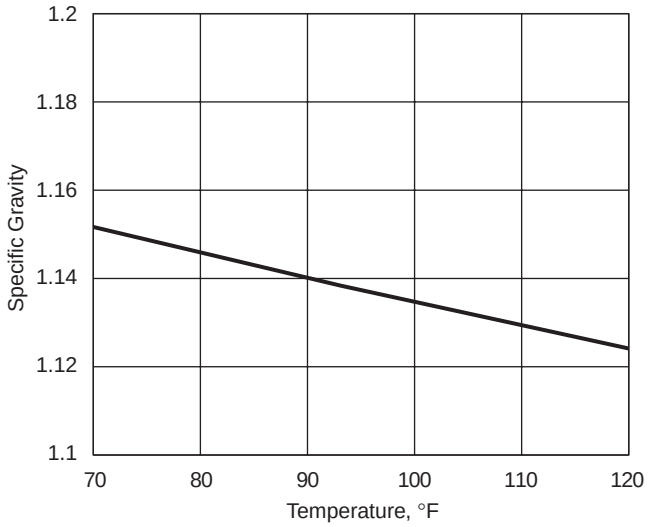
Health and Safety Information

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling Multranol 8206 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 the Product Safety and Regulatory Affairs Department in Pittsburgh, Pa.

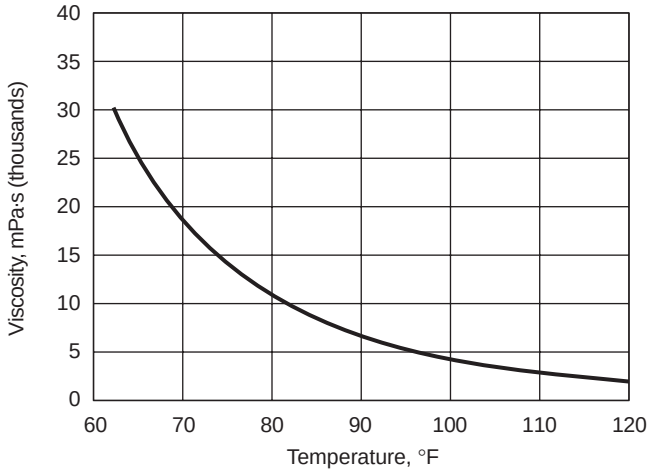
* *These items are provided as general information only. They are approximate values and are not part of the product specifications.*

** *Falling ball viscosity method.*

Specific Gravity vs. Temperature*
for Multranol 8206 Polyol



Viscosity vs. Temperature*
for Multranol 8206 Polyol



* *Data presented in these charts 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 August 2001. Please contact Bayer MaterialScience to determine whether this publication has been revised.

Bayer MaterialScience LLC

100 Bayer Road • Pittsburgh, PA 15205-9741 • Phone: 1800-662-2927 • www.BayerMaterialScienceNAFTA.com

The conditions of your use and applications of 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 at least must 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. All information is given without warranty or guarantee, and is subject to change without notice. It is expressly understood and agreed that the customer assumes and hereby expressly releasesus 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.

5895 8/01

Printed on recycled paper