Bayer MaterialScience

Product Information

ACCLAIM® 8200

Polyether Polyol

Description

Acclaim 8200 polyol is a 8,000-molecular-weight diol based on propylene oxide. This high-performance, low-monol polyether is prepared with Bayer's proprietary IMPACT® technology, using a patented organo-metallic propoxylation catalyst. The terminal end-groups are predominantly secondary hydroxyls and have a relatively low reactivity. This polyol is acidified with a low level of phosphoric acid, making it suitable for use in isocyanate-terminated prepolymers.

Acclaim 8200 polyol is used in polyurethane and other applications, including cast elastomers, sealants, epoxy flexibilizers, defoamers, lubricants, crude oil de-emulsifiers and plasticizers. As with any product, use of Acclaim 8200 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, mg KOH/g	13.0 - 15.0
Water, Wt. % (max)	0.030
Acid Number, mg KOH/g (max)	0.02
Color, Pt·Co (max)	50

Typical Properties*

Property	Value
Appearance	Clear, viscous liquid
Specific Gravity at 20°C	1.01
Viscosity at 25°C, cps	3,000
Flash Point, PMCC,°C	190
Bulk Density, lb/gal	8.40

Acclaim 8200 polyol contains extremely low levels of monol. In some polyurethane systems, formulation changes, such as reducing the crosslinking level or changing the hard-segment content, may be necessary to maximize the benefits of using Acclaim polyols. For additional information, contact your Bayer MaterialScience LLC representative.

Storage

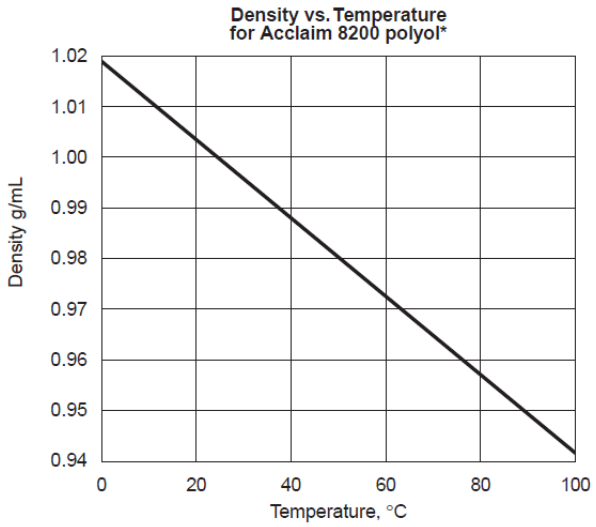
Acclaim 8200 polyol is slightly hygroscopic and may absorb water. Containers should be kept tightly closed and protected from contamination with moisture and foreign materials, which can adversely affect product quality.

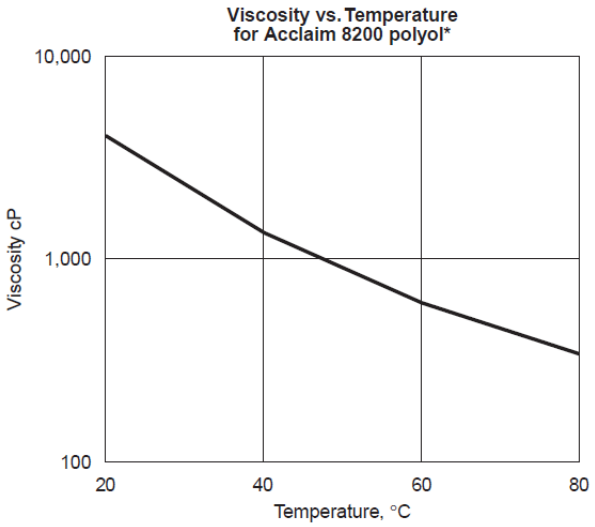
This polyol can become quite viscous at low temperatures. For ease of handling, storage temperatures between 20°C (59°F) and 60°C (140°F) are recommended.

Health And Safety Information

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling Acclaim 8200 polyol. Before working with these products, you must read and become familiar with the available information on their 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 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.*





** Data presented in these charts is derived from a sigle sample and may vary from the typical properties information, which represents values derived by averaging data from various samples.*

This product is not designated as "Medical Grade" and therefore shall not be considered a candidate for the manufacture of a medical device or of intermediate products for medical devices, which are intended under normal use to be brought into direct contact with the patient's body (e.g., skin, body fluids or tissues, including indirect contact to blood). If the intended use of the product is for the manufacture of a medical device or of intermediate products for medical devices, Bayer MaterialScience LLC must be contacted in advance to provide its agreement to sell such product for such purpose. Nonetheless, any determination as to whether a product is appropriate for use in a medical device or intermediate products for medical devices must be made solely by the purchaser of the product without relying upon any representations by Bayer MaterialScience LLC. For further information, please contact bmsmedicalapplication@bayer.com.*

**Please see the "Guidance on Use of Bayer MaterialScience Products in a Medical Application" document which can be located at baycareonline.com*

Note: The information contained in this bulletin is current as of July 2012, please contact Bayer MaterialScience to determine whether this publication has been revised.

Bayer MaterialScience LLC

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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 our products, technical assistance and information 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 which are available upon request. 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 o 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 any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.