



HYPERLITE[®] E-852

Polymer Polyol

Product Code: KLE852

Description

Hyperlite E-852 is a polymer polyol, which is used in a broad range of urethane foam and other applications. It is especially suited for rapid-demold high-resiliency (HR) foam, and is typically used in molded urethane foam for automotive seat cushions and backs. The Hyperlite E-852 polymer polyol, when blended with Hyperlite polyether polyols, produces foams with inherent stability during molding, excellent breathability characteristics, and a high level of strength, durability, and load-bearing properties. As with any product, the use of Hyperlite E-851 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	18.2 – 22.2 mg K OH/g
Water, Wt. % (max)	0.06%

Typical Properties*

Property	Value
Appearance	White, viscous liquid
Specific Gravity at 25 °C	1.06
Flash Point, PMCC	213°C
Bulk Density	8.80 lb/gal

Storage

Hyperlite E-852 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.

This polyol can become quite viscous at low temperatures. For ease of handling, storage temperatures between ambient room temperature 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 Hyperlite E-852 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 December 2002. Please contact Bayer MaterialScience to determine whether this publication has been revised.

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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.

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