Bayer MaterialScience

Product Information

HYPERLITE® E-850

Polymer Polyol

Product Code: KLE850

Description

Hyperlite E-850 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, as well as interior trim components. The Hyperlite E-850 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, andl load-bearing properties. As with any product, the use of Hyperlite E-850 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-850 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-850 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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