



ARCOL[®] HS-100

Polyether Polyol

Description

Arcol HS-100 polyol is a premium high-load polymer polyol with the highest polymer solids content of commercial polyols. It is used in the manufacture of high load flexible foams. With the Arcol HS-100 polyol, rise time is controlled to give greater process latitude and the potential for improved foam yield and reduced scrap. As with any product, use of the Arcol HS-100 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	26.2–30.2 mg K OH/g
Water, (max)	0.06 Wt. %

Typical Properties*

Property	Value
Appearance	White viscous liquid
Viscosity at 25 °C	3,100 cps
Specific Gravity at 25 °C	1.05
Flash Point, PMCC	>215 °C
Bulk Density at 25 °C	8.8 lb/gal

Storage

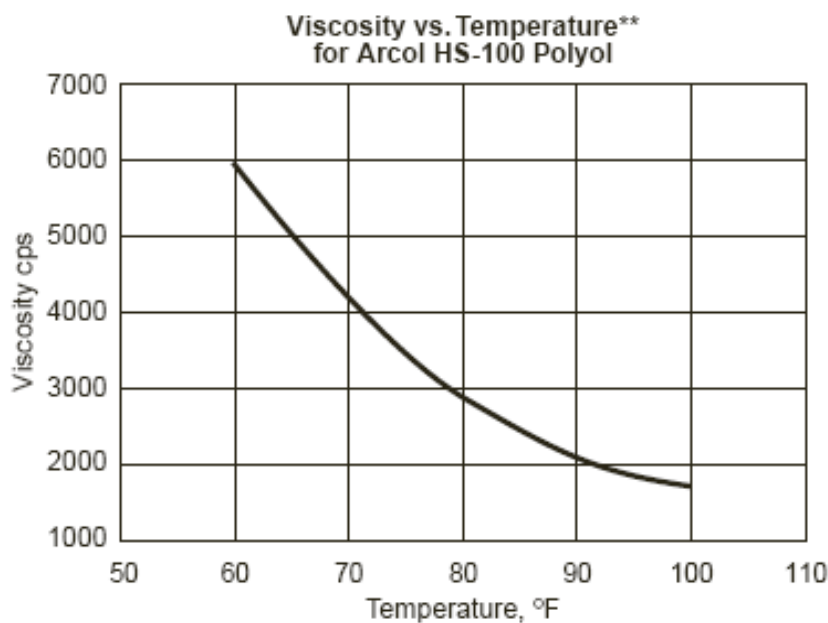
Arcol HS-100 polyol is slightly hygroscopic and may absorb water. Containers should be kept tightly closed and protected from contamination with moisture and foreign materials, which can adversely affect processing.

This polyol can become quite viscous at low temperatures. For ease of handling, storage temperatures between 20°C (68°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 the Arcol HS-100 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.



*** Data presented in this chart 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 February 2001. Please contact Bayer MaterialScience to determine whether this publication has been revised.

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