



ARCOL 11-34

Polyether Polyol

CAS No. 9082-00-2

Product Code: KL1134

Description

Arcol 11-34 polyether polyol is a 4,800-molecular-weight polyoxypropylene triol specially modified with ethylene oxide. The terminal end-groups have a high percentage of primary hydroxyl end-groups, giving it a relatively high rate of reactivity with isocyanates. It is compatible with most polyether polyols and can be blended with other diols, triols, and polymer polyols to achieve desirable modifications of product properties.

Arcol 11-34 polyol is used in a broad range of urethane foam and other applications, including sealants, caulks, deck coatings, elastomers, tire fill, and reaction injection molding (RIM). As with any product, the use of Arcol 11-34 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	33.8–37.2
Water, Wt. % (max)	0.07
Acid Number, mg KOH/g (max)	0.015
Color, Pt•Co (max)	50

Typical Properties*

Property	Value
Appearance	Clear, viscous liquid
Specific Gravity at 25°C	1.02
Viscosity at 25°C, cps	820
Flash Point, PMCC, °C	184
Bulk Density, lb/gal	8.56

Storage

Arcol 11-34 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 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 Arcol 11-34 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 September 2003. Please contact Bayer MaterialScience to determine whether this publication has been revised.

Bayer MaterialScience LLC

100 Bayer Road • Pittsburgh, PA 15205-9741 • Phone: 1-800-662-2927 • www.BayerMaterialScienceNAFTA.com

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17320 Redhill Avenue, Suite 175, Irvine, CA 92614-5660 • 1-949-833-2351 • Fax: 1-949-752-1306
1000 Route 9 North, Suite 103, Woodbridge, NJ 07095-1200 • 1-732-726-8988 • Fax: 1-732-726-1672
2401 Walton Boulevard, Auburn Hills, MI 48326-1957 • Phone: 1-248-475-7700 • Fax: 1-248-475-7701
