

Multranol® 4011

Characterization

Multranol 4011 is a 300-molecular-weight polypropylene oxide-based triol.

Characteristic data

Property	Value	Unit of measurement	Method
Hydroxyl number	530 - 570	mg KOH/g	
Water	0.10	Wt. %	
Acid number	0.20	mg KOH/g	
Color APHA	100		
Viscosity at 25°C	1,400 - 1,900	mPa•s	

Other data*

Property	Value	Unit of measurement	Method
Appearance	Clear, viscous liquid		
Specific gravity at 25°C	1.02		
Flash point PMCC	180	°C	
Bulk density	8.51	lb/gal	

*These values provide general information and are not part of the product specification.

Properties / Applications

Multranol 4011 is a 300-molecular-weight polypropylene oxide-based triol. It is typically used in the production of solid and microcellular urethane elastomers and rigid foams. As with any product, use of Multranol 4011 polyol in a given application must be tested (including but not limited to field testing) in advance by the user to determine suitability.

Storage

Multranol 4011 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 product can become quite viscous at low temperatures. For ease of handling, storage temperatures between 15°C (59°F) and 48°C (118°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 this product. Before working with this product, you must read and become familiar with the available information on its risks, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., safety data sheets and product labels. For further



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information contact your Covestro LLC representative or the Product Safety and Regulatory Affairs Department in Pittsburgh, PA.

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Document contains important information and must be read in its entirety.

Edition 2007-05-31

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Product Datasheet