



TECHNICAL SHEET

PETOL[®] 56-3LM

POLYETHER POLYOL

Last revision 2018

Chemical Name: Polyether – Polyol
Abbreviation: Petol 56-3LM

General Description:

PETOL 56-3LM is a polyether polyol triol, a propylene oxide homopolymer, with an average molecular weight 3000 and low unsaturation, especially designed for slabstock flexible polyurethane foam with modified combustion (CME). It is a BHT free product and can be used to obtain flexible slabstock foams with a wide range of density and hardness, through continuous or batch process.

Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	clear, viscous liquid	visual
Hydroxyl value	mg KOH/g	53-59	ASTM D 4274
Acid value (ABT), max	mg KOH/g	0.05	ILL 003/3-23
Viscosity, at 25 °C	cP	500-700	ASTM D 4878
Water (Karl-Fischer), max.	%	0.1	ASTM E 203
Hazen Color, max	Hazen units	50	SR ISO 2211

Specific Properties:

Density at 25°C, g/cm ³	1.005
Functionality	3
Ignition temperature, min.	200 °C

The values of those characteristics are approximated, and are only for general information and are not part of the technical quality conditions

Main Applications:

Obtaining of slabstock flexible polyurethane foam by continuous or discontinuous process



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Packing and storage:

The product is packed in stainless steel or coated rail or car tanks, property of supplier or client.

Due to its hygroscopic nature, the product is stored in tightly closed containers under nitrogen blanket, in cold, dry, vented areas, far from heat, moisture and inconsistent materials, at temperatures between +20°C and +30 °C.

Safety Considerations:

Before handling and using this product, the personnel must be aware of the dangers implied. This information is available in SDS and on the product label.

Attention:

Please contact CHIMCOMPLEX BORZESTI-Ramnicu Valcea Branch to see if the document has been revised and for any other additional information related to the product.

Important:

For a better suitability of the product for your particular purpose, tests are recommended prior product use. You are advised to make your own determination as to safety, appropriate manner of handling, storage, use and disposal. All the information contained in this product



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