



TECHNICAL SHEET

PETOL[®] 46-3MB

POLYETHER POLYOL

Last revision 2018

Chemical Name: Polyether – Polyol
Abbreviation: Petol 46-3MB

General Description:

PETOL 46-3MB is a heteropolymer triol, nominal 3600 molecular weight designed for the manufacture of conventional, soft and super soft flexible slabstock polyurethane foams.

PETOL 46-3MB is a BHT-free product that can be processed on all standard slabstock machinery.

Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	clear, viscous liquid	visual
Hydroxyl value	mg KOH/g	43-49	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
Content in Na and K, max	ppm	5	ILL 003/3-12

Specific Properties:

Density at 25°C, g/cm ³	1.015
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:

- flexible slabstock foams (conventional, soft or super soft), through batch slabstock foaming and continuous linear slabstock foaming.



S.C. CHIMCOMPLEX S.A. BORZEȘTI - ROMÂNIA

Sucursala Râmnicu Vâlcea

✉: Str. Uzinei, nr. 1, Râmnicu Vâlcea, jud. Vâlcea
Tel: +40 250 701 200; Fax: +40 250 735 030
www.chimcomplex.ro

Packing and storage:

The product is packed in stainless steel or inner 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 of 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 technical sheet is offered for your consideration, investigation and verification. The data is presented in good faith and is believed to be reliable. You should not consider the descriptions, information, data or design as a part of our terms and conditions of sale. We expressly disclaim responsibility or liability for any loss, damage or expense arising out of reliance on the information provided herein.