



TECHNICAL SHEET

PETOL[®] 48-3S

POLYETHER POLYOL

Last revision 2018

Chemical Name: Polyether – Polyol
Abbreviation: Petol 48-3S

General Description:

PETOL 48-3S is a heteropolymer triol, with nominal molecular weight of 3500, with low monol content, developed for the manufacture of conventional flexible slabstock polyurethane foams.

PETOL 48-3S can be used with or without auxiliary blowing agent to produce a wide range of foam grades, ranging from low to high density.

It is a BHT-free product that can be processed on all new standard slabstock machinery.

Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	clear, viscous liquid	visual
Hydroxyl value	mg KOH/g	46-50	ASTM D 4274
Acid value (ABT), max	mg KOH/g	0.05	ILL 003/3-23
Viscosity, at 25 °C	cP	630-830	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	1.015
Ignition temperature, min.	200 °C
Functionality	3

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

Main Applications:

- conventional flexible slabstock foams through batch slabstock foaming and continuous linear slabstock foaming.



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Packing and storage:

The product is packed in stainless steel or coated rail or road 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



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