



## TECHNICAL SHEET

# PETOL<sup>®</sup> PA 450-3T

POLYETHER POLYOL

Last revision 2018

**Chemical Name:** Polyether – Polyol  
Abbreviation: Petol PA 450-3T

### General Description:

Petol PA 450-3T is an aminic polyether polyol with high reactivity, obtained by propoxilation of Triethanolamine.

### Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	clear, viscous liquid	visual
Color	-	yellow-brown	visual
Hydroxyl number	mg KOH/g	400-500	ASTM D 4274
Viscosity at 25 °C	cP	300-400	ASTM D 4878
Water (Karl-Fischer), max.	%	0.1	ASTM E 203
Content in Na and K, max.	ppm	50	ILL 003/3-12

### Specific Properties:

Density at 25°C, g/cm <sup>3</sup>	1.04-1.06
Functionality	3
Molecular weight	375
pH (isopropanol:water 10:6)	9.5 – 10.5

*The specific properties present approximate values and contain general information, without being part of the technical quality conditions.*

### Main Applications:

- as reticulating agent for rigid polyurethane foams (moulded or sprayed), semi rigid foams or as a viscosity reducer;



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**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 non-compliance with the information provided herein.