



## TECHNICAL SHEET

# PETOL PP<sup>®</sup> 452

POLYETHER POLYOL

Last revision 2018

**Chemical Name:** Polyether-Polyol  
Abbreviation: Petol PP 452

### General Description:

Petol PP 452 is a SAN non-reactive polymer polyol, with about 45% solid content and 3000 average molecular weight of standard polyol, designed to obtain HR flexible slabstock foams.

### Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	white, viscous liquid	visual
Hydroxyl number	mg KOH/g	28-36	ASTMD4274D
Viscosity, 25 °C	cP	3500-4600	ASTM D 4878
Water (Karl-Fischer), max	%	0.1	ASTME 203
Content in solid substance	%	44-47	ILL-003/3-13

### Specific Properties:

Density at 25°C, g/cm <sup>3</sup>	1.03
Functionality	3

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

### Main Applications:

It is used in admixture with standard polyols for the production of HR flexible slabstock polyurethane foams; the resilience of the foams obtained from such blends increases proportionally with the polymer-polyol level.



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**Packing and storage:**

The product is packed in stainless steel or coated rail or car tanks and in clean, dry, tightly closed TDA drums of 200 l, 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 several forms, for example SDS and product labels.

**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:**



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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.