



## TECHNICAL SHEET

# PETOL PS<sup>®</sup> 28-6B

POLYETHER POLYOL  
Last revision 2018

**Chemical Name:** Polyether - Polyol  
Abbreviation: Petol 28-6B

### General Description:

This technical specification refers to polyol polyol PETOL 28-6B, obtained by the addition of propylene oxide and ethylene oxide, in basic catalysis to sorbitol  
Petol 28-6B is a polyether polyol with high functionality and molecular weight, highly reactive, designed to obtain high resilient flexible polyurethane foams.  
The polyol contains antioxidant, BHT free.

### Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	Clear viscous liquid	visual
Hydroxyl number	mg KOH/g	27-31	ASTMD4274
Acid value (ABT), max	mg KOH/g	0.1	ILL 003/3-23
Viscosity, 25°C	cP	1200-1700	ASTM D 4878
Water (Karl-Fischer), max	%	0.1	ASTME 203
Hazen Color, max	Hazen units	50	SR ISO 2211

### Specific Properties:

Density at 25°C, g/cm <sup>3</sup>	1.02-1.025
Ignition temperature, min	200 °C
Functionality	6

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

### Main Applications:



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Polyether polyol PETOL 28-6B is recommended for the production of high resilient flexible polyurethane foams.

**Packing and storage:**

It 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, at temperatures between +20°C and +50 °C. At temperatures below 20 °C, handling difficulties arise due to increased viscosity of the polyol

**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:**

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.

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