



## TECHNICAL SHEET

# PETOL PZ<sup>®</sup> 480-4G

POLYETHER POLYOL

Last revision 2018

**Chemical Name:** Polyether-Polyol  
Abbreviation: Petol PZ 480-4G

### General Description:

Petol PZ 480-4G polyether polyol is a medium functional polyether polyol designed to obtain rigid polyurethane foams.

It is used as a standard polyol for various rigid applications such as rigid block foams, pipes and panels insulation, through continuous and discontinuous processes.

### Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	viscous liquid	visual
Color	-	yellow - brown	visual
Hydroxyl number	mg KOH/g	460-490	ASTMD4274
Viscosity, 25°C	cP	6500-9000	ASTM D 4878
Water (Karl-Fischer), max	%	0.1	ASTME 203

### Specific Properties:

Density at 25°C, g/cm <sup>3</sup>	1.05-1.15
Functionality	4.5
pH (methanol-water - 10:1)	6-7
Molecular weight	530
Ignition temperature ,min	200°C

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

### Main Applications:

- rigid polyurethane foams



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**Packing and storage:**

The product is packed in stainless steel or inner coated rail or car tanks, provided with heating coil, property of supplier or client, in clean, dry, tightly closed drums of 220 l.

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.