



## TECHNICAL SHEET

# PETOL PS<sup>®</sup> 500-4G

POLYETHER POLYOL

Last revision 2018

**Chemical Name:** Polyether - Polyol  
Abbreviation: Petol PS 500-4G

### General Description:

Petol PS 500-4G is a polyether polyol obtained by propoxilation of glycerin – sorbite mixture under catalyst conditions.

### Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	viscous liquid	visual
Hydroxyl number	mg KOH/g	480-520	ASTMD4274
Viscosity, 25 <sup>o</sup> C	cP	2000-4000	ASTM D 4878
Water (Karl-Fischer), max	%	0.1	ASTME 203
Acidity number (FF), max	mg KOH/g	0.2	ASTMD7253

### Specific Properties:

Density at 25 <sup>o</sup> C, g/cm <sup>3</sup>	1.07
Functionality	4
Molecular weight	450

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



## S.C. CHIMCOMPLEX S.A. BORZEȘTI - ROMÂNIA

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#### **Main Applications:**

- in obtaining rigid polyurethane foams for insulation of refrigerators, panels, pipes.

#### **Packing and storage:**

The polyether PETOL PS 500-4G is delivered in stainless steel or coated rail or car tanks, provided with shell or coil, property of supplier or client, in clean, dry, tightly closed TDA drums of 100 l and 200 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 +25°C and +35 °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 check 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.