



## TECHNICAL SHEET

# PETOL<sup>®</sup> 56-2LM

POLYETHER POLYOL

Last revision 2018

**Chemical Name:** Polyether – Polyol  
Abbreviation: Petol 56-2LM

### General Description:

PETOL 56-2LM is a PPG, with a molecular weight of 2000, with low unsaturation, synthesized with double metal cyano complex catalyst.

### Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	clear, viscous liquid	visual
Hydroxyl value	mg KOH/g	53-59	ASTM D 4274
Acid value (ABT), max	mg KOH/g	0.05	ILL 003/3-23
Viscosity, at 25 °C	cP	300-450	ASTM D 4878
Water (Karl-Fischer), max.	%	0.05	ASTM E 203
Hazen Color, max	Hazen units	40	SR ISO 2211
Content in Na and K, max.	ppm	2	ILL 003/3-12
Unsaturation,max.	meqv/g	0.01	ASTM D 4671
pH (isopropanol: water 10:6)	-	6.5-7.5	ILL 003/3-28

### Specific Properties:

Density at 25°C, g/cm <sup>3</sup>	1.002
Functionality	2
Ignition temperature, min.	200 °C

*The values of those characteristics are approximated, and are only for general information and are not part of the technical quality conditions*

### Main Applications:

- recommended for the synthesis of elastomers, adhesives, coatings and polyurethane sealing products
- anti foaming agents
- viscosity and functionality reducer in mixtures of polyols for foams 2K and OCF



**S.C. CHIMCOMPLEX S.A. BORZEȘTI - ROMÂNIA**  
**Sucursala Râmnicu Vâlcea**

---

✉: Str. Uzinei, nr. 1, Râmnicu Vâlcea, jud. Vâlcea  
Tel: +40 250 701 200; Fax: +40 250 735 030  
[www.chimcomplex.ro](http://www.chimcomplex.ro)

---

**Packing and storage:**

The product is packed in stainless steel or coated rail or car tanks, in TDA double pickled sheet 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, direct sunlight 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.