



## TECHNICAL SHEET

# PETOL<sup>®</sup> 120-2

POLYETHER POLYOL

Last revision 2018

**Chemical Name:** Polyether – Polyol  
Abbreviation: Petol 120-2

### General Description:

PETOL 120-2 is a high purity polyoxypropylene glycol, with a molecular weight of 1000.

PETOL 120-2 is a diol homopolymer and the product is not acidified

### Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	clear, viscous liquid	visual
Hydroxyl value	mg KOH/g	110-130	ASTM D 4274
Acid value (ABT), max	mg KOH/g	0.05	ILL 003/3-23
Viscosity, at 25 °C	cP	100-180	ASTM D 4878
Water (Karl-Fischer), max	%	0.05	ASTM E 203
Content in Na and K, max.	ppm	10	ILL 003/3-12
Hazen Color, max	Hazen units	50	SR ISO 2211

### Specific Properties:

Density at 25°C, g/cm <sup>3</sup>	1.003
Functionality	2
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:

- unsaturated polyurethane resins synthesis;
- viscosity and functionality breaking agent in polyols blends for 2K and OCF polyurethane foams



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**Packing and storage:**

The product is packed in stainless steel or coated rail or road tanks, 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 SDS and on the product label.

**Attention:**

Please contact CHIMCOMPLEX BORZESTI-Ramnicu Valcea Branch to see if the document has been revised and for all additional information about 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