



TECHNICAL SHEET

PETOL[®] 250-2 A
POLYETHER POLYOL

Last revision 2018

Chemical Name: Polyether – Polyol
Abbreviation: Petol 250-2A

General Description:

PETOL 250-2A is a high purity polyoxypropylene glycol, 400 molecular weight.

PETOL 250-2A is a diol homopolymer. The product is acidified by the supplier and does not request acidification by the customer.

Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	viscous, clear liquid	visual
Hydroxyl number	mg KOH/g	240-260	ASTM D 4274
Acid value (ABT), max	mg KOH/g	0.05	ILL 003/3-23
Viscosity, 25 °C	cP	60-100	ASTM D 4878
Water (Karl-Fischer), max	%	0.08	ASTM E 203
Hazen Color, max	Hazen units	50	SR ISO 2211
Content in Na and K, max.	ppm	10	ILL 003/3-12
Unsaturation, max.	meqv/g	0.03	ASTM D 4671
pH (isopropanol: water)	-	5.5-6.5	ILL 003/3-28

Specific Properties:

Density at 25°C, g/cm ³	1.002
Functionality	2
Ignition temperature, °C	200°C

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

Main Applications:

- in polyol blends to obtain pre-polymers used for covers, as adhesives and as polyurethane elastomers.



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Packing and storage:

The product is packed in stainless steel or coated rail or car tanks and 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.