



TECHNICAL SHEET

PETOL[®] 110-2A

POLYETHER POLYOL
Last revision 2018

Chemical Name: Polyether – Polyol
Abbreviation: Petol 110-2A

General Description:

PETOL 110-2A is a polyoxypropylene glycol with 1000 molecular weight.

PETOL 110-2A is a homopolymer diol.

The product is acidified by the supplier and does not request acidification by the customer.

Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	clear, viscous liquid	visual
Hydroxyl value	mg KOH/g	108-116	ASTM D 4274
Acid value (ABT), max	mg KOH/g	0.05	ILL 003/3-23
Viscosity, at 25 °C	cP	130-180	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	5	ILL 003/3-01-13
Unsaturation, max	mequiv/g	0.04	ASTM D 4671
pH (isopropanol : water 10:6)	-	5.5-6.5	ILL-003/3-28

Specific Properties:

Density at 25°C, g/cm ³	1.003
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



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Main Applications:

- to obtain pre-polymers used for coatings, as polyurethane elastomers, or as adhesives

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.