



TECHNICAL SHEET

PETOL[®] 28-2LM

POLYETHER POLYOL (EXPERIMENTAL PRODUCT)

Last revision 2018

Chemical Name: Polyether – Polyol
Abbreviation: Petol 28-2LM

General Description:

PETOL 28-2LM is a PPG, with a molecular weight of 4000, with low unsaturation, synthesized with double metal cyano complex catalyst. The product is slightly acidified with phosphoric acid.

Technical Quality Conditions:

Characteristics	MU	Limits	Test methods
Appearance	-	viscous, clear liquid	visual
Hydroxyl number	mg KOH/g	26-30	ASTM D 4274
Acid value (ABT), max.	mg KOH/g	0.05	ILL 003/3-23
Viscosity at 25° C	cP	900 - 1200	ASTM D 4878
Water (Karl-Fischer), max.	%	0.05	ASTM E 203
Hazen Color, max	Hazen units	30	SR ISO 2211
Unsaturation,max.	meqv/g	0.01	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	1.001
Functionality	2
Ignition temperature, min.	220°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:

- It is recommended for the synthesis of elastomers, polyurethane sealing products, adhesives, coatings and prepolymers.;
- Other uses: antifoamer, flexibility agent for epoxy resins, plasticizer.



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Packing and storage:

The product is packed in stainless steel or inner coated rail or car tanks, in 200 l TDA double pickled sheet barrels, 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.

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.