

PETOL PP[®] 101

POLYETHER POLYOL

Last revision 2008

Chemical Name: Polyether-Polyol
Abbreviation: Petol PP 101

General Description:

Petol PP 101 is a non-reactive polymer polyol, with a content of about 10% solid substance and with 3500 average molecular weight of base polyol, designed for the production of high hardness flexible slabstock foams.

It is a BHT-free product and can be used both with and without auxiliary blowing agent to produce a wide range of foam grades, from low to high density.

Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	white, viscous liquid	visual
Hydroxyl number	mg KOH/g	39-43	ASTMD4274
Viscosity, 25 °C	cP	800-1050	ASTM D 4878
Water (Karl-Fischer), max	%	0.08	ASTME 203
Content in solid substance	%	9-11	ILL-003/3-01-14

Specific Properties:

Density at 25°C, g/cm ³	1.02
Functionality	3

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

Main Applications:

- slabstock flexible polyurethane foams.



Shipping Information:

- stainless steel or coated railway or car tanks.

Storage:

Due to hygroscopic nature of the product, it is recommended that you should store PETOL PP 101 in tightly closed containers under nitrogen blanket, in cold, dry, vented areas, far from heat, moisture and inconsistent materials.

We suggest storing PETOL PP 101 at temperatures within + 20 °C and + 30 °C.

Safety Considerations:

Please refer to the product Material Safety Data Sheet (MSDS) offering customers help to better satisfy their particular handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations.

Warning:

Petol polyether polyols can be used to prepare a variety of polyurethane products. Polyurethanes are organic materials and must be considered combustible.

Attention:

Information contained in this document is provided to the best of our knowledge and experience.

Please contact OLTCHIM to see if the document has been revised.

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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.