



TECHNICAL SHEET

PETOL[®] V 50-3S

POLYETHER POLYOL

Last revision 2019

Chemical Name: Polyether – Polyol
Abbreviation: Petol V 50-3S

General Description:

PETOL V 50-3S is a vegetable oil based polyol, with secondary hydroxyl groups and a molecular weight of about 3000 for the production of flexible polyurethane foams.

Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	light yellow, viscous liquid	visual
Hydroxyl value	mg KOH/g	48-54	ASTM D 4274
Acid value (ABT), max	mg KOH/g	0.05	ILL 003/3-23
Viscosity, at 25 °C	cP	700-900	ASTM D 4878
Water (Karl-Fischer), max.	%	0.1	ASTM E 203
Hazen color, max.	Hazen units	130	SR ISO 2211

Specific Properties:

Density at 25°C, g/cm ³	1.000
Ignition temperature, min.	160 °C
Functionality	2.7

** 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 use alone or in admixture with standard polyols with secondary hydroxyl groups for the production of flexible slabstock polyurethane foam by continuous or batch process



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Packing and storage:

The product is packed in stainless steel or coated rail or road tanks, or 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 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.