



TECHNICAL SHEET

PETOL[®] 56-3

POLYETHER POLYOL

Last revision 2018

Chemical Name: Polyether – Polyol
Abbreviation: Petol 56-3

General Description:

PETOL 56-3 is a homopolymer triol, with nominal 3000 molecular weight, designed to increase the hardness of flexible foams and to produce CME (Combustion Modified Ether) flexible polyurethane foams.

PETOL 56-3 is a BHT-free product that can be processed on various foam machines. PETOL 56-3 can also be used in polyol blends for rigid foams production.

Technical Quality Conditions:

| Characteristics | MU | Values | Test methods |
|----------------------------|-------------|-----------------------|--------------|
| Appearance | - | clear, viscous liquid | visual |
| Hydroxyl value | mg KOH/g | 53-59 | ASTM D 4274 |
| Acid value (ABT), max | mg KOH/g | 0.05 | ILL 003/3-23 |
| Viscosity, at 25 °C | cP | 400-600 | ASTM D 4878 |
| Water (Karl-Fischer), max. | % | 0.1 | ASTM E 203 |
| Hazen color, max. | Hazen units | 50 | SR ISO 2211 |
| Content in Na and K, max | ppm | 5 | ILL 003/3-12 |

Specific Properties:

| | |
|------------------------------------|--------|
| Density at 25°C, g/cm ³ | 1.005 |
| Functionality | 3 |
| 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.

Main Applications:

- polyurethane flexible slabstock foams obtained by continuous or by batch process.



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Packing and storage:

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