

i GENERAL DESCRIPTION

PETOL 56-3 MB is a non-reactive triol heteropolymer with an average molecular weight of 3000, developed for the manufacturing of conventional flexible block polyurethane foams. It is a BHT-free product, particularly recommended for foam production using discontinuous (batch) systems.

Q TECHNICAL QUALITY CONDITIONS

No.	Characteristics	M.U.	Values
1	Appearance	-	Clear viscous liquid
2	Hydroxyl value	mg KOH/g	53 - 59
3	Acid value (BBT), max.	mg KOH/g	0,05
4	Viscosity at 25°C	cP	400 - 600
5	Water (Karl-Fischer), max.	%	0,1
6	Hazen color, max.	Hazen units	50
7	Content of Na and K, max.	ppm	5

🧪 APPLICATIONS

- Manufacture of conventional flexible polyurethane foams using either discontinuous or continuous foaming processes; it may be used with or without an auxiliary blowing agent (liquid CO₂, methylene chloride) to produce a wide range of foams, from low-density to high-density grades.

📄 GENERAL CHARACTERISTICS

Specific Properties	Values
Density at 25°C, g/cm ³	1,01
Flash point, °C, min.	200
Functionality	3

The specific properties provided reflect approximate values and serve as general information that is not included in the technical quality conditions.

📦 PACKING

The product is packed in stainless steel or coated rail or car tanks, property of supplier or client.

🏠 STORAGE

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 incompatible materials, at temperatures between +20°C and +30°C.

🚚 TRANSPORT

ADR: PETOL 56-3MB is not classified under ADR regulations.

RID: PETOL 56-3MB is not classified under RID regulations.

Maritime transport IMDG: PETOL 56-3MB is not classified under IMDG regulations

! Methods for measuring the technical characteristics are available on request

All informations contained in this product data sheet is provided for your consideration, research and verification. For a better suitability of the product to your purpose, we recommend you carry out tests before using the product. We advise you to have your own decisions regarding safety, proper handling, storage, use and disposal. We expressly disclaim any liability for any loss, damage or expense resulting from reliance on the information provided herein. For more information, please refer to our safety data sheet.

