

i GENERAL DESCRIPTION

PETOL 46-3MB is a heteropolymer triol, 3600 average molecular weight, designed to use as a standard base polyol for the manufacture of conventional polyether slabstock flexible foams or in combination with other polyols, to have some particular foam's properties (hard, soft or hyper soft).

PETOL 46-3MB is a BHT-free product that can be processed on all standard slabstock machinery.

Q TECHNICAL QUALITY CONDITIONS

No.	Characteristics	M.U.	Values
1	Appearance	-	Clear, viscous liquid
2	Hydroxyl value	mg KOH/g	43-49
3	Acid value (BBT), max.	mg KOH/g	0.05
4	Viscosity, at 25 °C	cP	500 - 700
5	Water (Karl-Fischer), max.	%	0.1
6	Hazen color, max.	Hazen units	50
7	Content of Na and K, max.	ppm	5

🧪 APPLICATIONS

- flexible slabstock foams (conventional, soft or super soft), continuous or box process;
- can be used with or without auxiliary blowing agent (liquid CO₂; methylene chloride) to produce a wide range of foam grades, ranging from low to high density.

📄 GENERAL CHARACTERISTICS

Specific Properties	Values
Density at 25°C, g/cm ³	1.015
Functionality	3
Flash point, °C, min.	200

The specific properties present approximate values and contain general information, without being part of 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 inconsistent materials, at temperatures between +20°C and +30°C.

🚚 TRANSPORT

ADR: Petol 46-3MB is not classified under ADR regulations.

RID: Petol 46-3MB is not classified under RID regulations.

Maritime transport IMDG: Petol 46-3MB 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.