

i GENERAL DESCRIPTION

PETOL 48-3 MB is an inactive heteropolymer triol, with 3500 average molecular weight designed for the manufacture of conventional flexible slabstock polyurethane foams.

PETOL 48-3 MB is a BHT-free product that can be processed on all type of slabstock machinery.

Q TECHNICAL QUALITY CONDITIONS

No.	Characteristics	M.U.	Values
1	Appearance	-	Clear, viscous liquid
2	Hydroxyl value	mg KOH/g	46-50
3	Acid value (BBT), max.	mg KOH/g	0.05
4	Viscosity, at 25 °C	cP	530 - 630
5	Water (Karl-Fischer), max.	%	0.1
6	Hazen color, max.	Hazen units	50
7	Content of Na and K, max	ppm	5

🧪 APPLICATIONS

- conventional flexible slabstock foams through batch slabstock foaming and continuous linear slabstock foaming;
- 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 48-3MB is not classified under ADR regulations.

RID: Petol 48-3MB is not classified under RID regulations.

Maritime transport IMDG: Petol 48-3MB 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.