

i GENERAL DESCRIPTION

PETOL 56-2A LM is a low unsaturation PPG, with an average molecular weight of 2000, synthesized with double metal cyanide catalyst (DMC Catalyst). The product is slightly acidified with phosphoric acid.

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	300 - 450
5	Water (Karl-Fischer), max.	%	0.05
6	Hazen color, max.	Hazen units	40
7	Content of Na and K, max.	ppm	2
8	Unsaturation, max.	meqv/g	0.01
9	pH (isopropanol: water 10:6)	-	5.5 – 6.5

🧪 APPLICATIONS

- prepolymers used as intermediates for polyurethane elastomers, adhesives, coatings and sealants manufacturing;
- defoamers.

📄 GENERAL CHARACTERISTICS

Specific Properties	Values
Density at 25°C, g/cm ³	1.002
Functionality	2
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, in TDA double pickled sheet drums of 200 l, 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 56-2A LM is not classified under ADR regulations.

RID: Petol 56-2A LM is not classified under RID regulations.

Maritime transport IMDG : Petol 56-2A LM 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.