

GENERAL DESCRIPTION

PETOL 28-2LM is a low unsaturation PPG with an average molecular weight of 4000, synthesized with double metal cyanide catalyst (DMC Catalyst). The product is slightly acidified with phosphoric acid.

TECHNICAL QUALITY CONDITIONS

No.	Characteristics	M.U.	Values
1	Appearance	-	Clear viscous liquid
2	Hydroxyl value	mg KOH/g	26 - 30
3	Acid value (BBT), max.	mg KOH/g	0.05
4	Viscosity, at 25 °C	cP	900 - 1200
5	Water (Karl-Fischer), max.	%	0.05
6	Hazen color, max.	Hazen units	30
7	Unsaturation, max.	meqv/g	0.01
8	pH (isopropanol: water 10:6)	-	5.5-6.5

APPLICATIONS

- non-cellular polyurethane products (elastomers, sealants, adhesives and coatings);
- defoamers;
- flexibility agent for epoxy resins;
- plasticizer.

GENERAL CHARACTERISTICS

Specific Properties	Values
Density at 25°C, g/cm ³	1.001
Functionality	2
Flash point, °C, min.	220

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 inner coated rail or car tanks, in 200 l TDA double pickled sheet barrels, 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 28-2LM is not classified under ADR regulations.

RID: Petol 28-2LM is not classified under RID regulations.

Maritime transport IMDG : Petol 28-2LM 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.