

i GENERAL DESCRIPTION

PETOL 110-2A is a 1000 average molecular weight homopolymer diol, high purity polyoxypropylene glycol, acidified with a low level of phosphoric acid.

Q TECHNICAL QUALITY CONDITIONS

No.	Characteristics	M.U.	Values
1	Appearance	-	Clear viscous liquid
2	Hydroxyl value	mg KOH/g	108 - 116
3	Acid value (BBT), max.	mg KOH/g	0.05
4	Viscosity, at 25 °C	cP	130 - 180
5	Water (Karl-Fischer), max.	%	0.05
6	Hazen color, max.	Hazen units	40
7	Content of Na and K, max	ppm	5
8	Unsaturation, max.	meqv/g	0.04
9	pH (isopropanol: water 10:6)	-	5.5-6.5

🧪 APPLICATIONS

- prepolymers intermediates for noncellular polyurethanes manufacturing used as adhesives, coating, elastomers.

📄 GENERAL CHARACTERISTICS

Specific Properties	Values
Density at 25°C, g/cm ³	1.003
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 and 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 110-2A is not classified under ADR regulations.

RID: Petol 110-2A is not classified under RID regulations.

Maritime transport IMDG: Petol 110-2A 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.