

i GENERAL DESCRIPTION

Petol PP 2045 is a polyol polymer with a solid content of approximately 45%, a styrene-acrylonitrile copolymer grafted onto a reactive triol polyether polyol, with an average molecular weight of 4800.

Q TECHNICAL QUALITY CONDITIONS

No.	Characteristics	M.U.	Values	Test methods
1	Appearance	-	white, viscous liquid	visual
2	Hydroxyl value	mg KOH/g	18-22	ASTM D 4274
3	Viscosity at 25°C	cP	5500 – 8000	ASTM D 4878
4	Water (Karl-Fischer), max.	%	0,1	ASTM E 203
5	Solid content	%	44 - 46	ILL-003/3-13

🧪 APPLICATIONS

- It is used to produce high-resilience flexible polyurethane block foam and for the production of cold-molded flexible polyurethane foam with improved hardness.

📄 GENERAL CHARACTERISTICS

Specific Properties	Values
Density at 25°C, g/cm ³	1,05
Average molecular weight of the base reactive polyol	4800
Functionality	3

The specific properties provided reflect approximate values and serve as general information that is not included in the technical quality conditions.

📦 PACKING

It is packaged in stainless steel tanks or tankers or protected inside double-coated TDA metal drums with a capacity of 200 liters, owned by the supplier or beneficiary.

🏠 STORAGE

As it is hygroscopic, the product should be stored in tightly closed containers, under a nitrogen blanket, in cool, dry, ventilated places, away from heat, moisture, sunlight, and incompatible materials, at temperatures between +20°C and +30°C.

🚚 TRANSPORT

ADR: PETOL PP 2045 is not classified under ADR regulations.

RID: PETOL PP 2045 is not classified under RID regulations.

Maritime transport IMDG: PETOL PP 2045 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.

