

i GENERAL DESCRIPTION

Petol PS 500 - 5G is a high functionality sorbitol based polyether polyol.

Q TECHNICAL QUALITY CONDITIONS

No.	Characteristics	M.U.	Values
1	Appearance	-	viscous liquid
2	Hydroxyl value	mg KOH/g	480 - 520
3	Acidity number (BBT), max.	mg KOH/g	0.1
4	Viscosity, at 25 °C	cP	7500 - 10500
5	Water (Karl-Fischer), max.	%	0.1

🧪 APPLICATIONS

- base polyol for rigid polyurethane foams formulations for thermal insulations.

📄 GENERAL CHARACTERISTICS

Specific Properties	Values
Density at 25°C, g/cm ³	1.08 - 1.09
Functionality	4.8
Average molecular weight	550

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, provided with shell or coil, property of supplier or client, in clean, dry, tightly closed TDA drums of 100 l and 200 l.

🏠 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 and inconsistent materials, at temperatures between +25°C and +35°C.

🚚 TRANSPORT

ADR: Petol PS 500-5G is not classified under ADR regulations.

RID: Petol PS 500-5G is not classified under RID regulations.

Maritime transport IMDG: Petol PS 500-5G 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.