Polyether Polyols for Rigid Foams
Sorbitol based Polyether Polyols
PETOL PS 460–5P

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GENERAL DESCRIPTION

Petol PS 460 - 5P is a high functionality sorbitol based polyether polyol.

TECHNICAL QUALITY CONDITIONS

No.	Characteristics	M.U.	Values
1	Appearance	-	viscous liquid
2	Hydroxyl value	mg KOH/g	440 - 480
3	Acidity number (FF), max.	mg KOH/g	0.2
4	Viscosity, at 25 °C	cP	12500-15500
5	Water (Karl-Fischer), max.	%	0.1

APPLICATIONS

- base polyol in formulations of rigid polyurethane foams insulations for refrigerators, panels, pipe.

GENERAL CHARACTERISTICS

Specific Properties	Values
Density at 25°C, g/cm3	1.07-1.09
Functionality	5.4
Average molecular weight	650

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 460 – 5P is not classified under ADR regulations.

RID: Petol PS 460 – 5P is not classified under RID regulations.

Maritime transport IMDG: Petol PS 460 – 5P is not classified under IMDG regulations.

Methods for measuring the technical characteristics are available on request