TECHNICAL SHEET

PETOL PZ ® 480-4G

POLYETHER POLYOL

Last revision 2008

Chemical Name: Polyether-polyol
Abbreviation: Petol PZ 480-4G

General Description:

Petol PZ 480-4G polyether polyol is a medium functional polyether polyol developed for the production of rigid polyurethane foams.

It is used as a standard polyol for various rigid applications such as rigid block production, pipe insulation and continuous and discontinuous panel production process.

Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	Viscous liquid	visual
Color	-	Yellow - brown	visual
Hydroxyl number	mg KOH/g	460-490	ASTM D 4274
Viscosity, 25^{0}C	cP	6500-9000	ASTM D 4878
Water (Karl-Fischer), max	%	0.1	ASTM E 203

Specific Properties:

Density at 25^{0}C, g/cm^3	1.05-1.15
Functionality	4.5
pH (methanol-water - 10:1)	6-7
Molecular weight	530
Ignition temperature ,min	200^{0}C

The specific properties present approximate values and contain general information, without being part of the technical quality conditions.

Main Applications:

- rigid polyurethane foams

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Shipping Information:

- stainless steel or coated railway or car tanks, with heat coil.
- clean, dry, inner coated drums of 220 l.

Storage:

Due to hygroscopic nature of the product, it is recommended that you should store PETOL PZ 480-4G in tightly closed containers under nitrogen blanket, in cold, dry, vented areas, far from heat, moisture and inconsistent materials.

We suggest storing PETOL PZ 480-4G at temperatures within + 20 ºC and + 30 ºC.

Safety Considerations:

Please refer to the product Material Safety Data Sheet (MSDS) offering customers help to better satisfy their particular handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations.

Warning:

Petol polyether polyols can be used to prepare a variety of polyurethane products.
Polyurethanes are organic materials and must be considered combustible.

Attention:

Information contained in this document is provided to the best of our knowledge and experience.
Please contact OLTCHIM to see if the document has been revised.

Important:

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