

i GENERAL DESCRIPTION

Propylene glycol USP Grade is a clear, viscous, colorless, hygroscopic liquid, with a characteristic odor. The product is very easily soluble in alcohol, water, acetone and chloroform.

Q TECHNICAL QUALITY CONDITIONS

No.	Characteristics	M.U.	Values
	Identification:		
1	Test A: Infrared Absorbtion	-	According with reference spectrum
	Test B: Ethylene Glycol, max.	%	0,1
	Dyethylene Glycol, max.	%	0,1
	Test C: GC	-	According with reference chromatogram
2	Concentration, min.	%	99,5
3	Relative Density, d_{25}^{25}	-	1,035 - 1,037
4	Acidity, max.	ml NaOH 0,1N	0,20
5	Water (Karl-Fischer), max.	%	0,20
6	Calcination Residue, max.	%	0,007
7	Chlorides, max.	%	0,007
8	Sulphates (SO_4^{2-}), max.	%	0,006

🧪 APPLICATIONS

- Propylene glycol USP Grade is used as raw material in cosmetic and pharmaceutical industries.

📄 GENERAL CHARACTERISTICS

Specific Properties	Values
Boiling point, °C	184 – 189 at 760 mm Hg
Flash point, °C	104
Flammability	Not flammable

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

📦 PACKING

Propylene glycol USP grade is packed in stainless steel tanks and polyethylene drums of different volumes, tightly sealed.

🏠 STORAGE

Propylene glycol USP Grade is stored in tightly closed containers under nitrogen blanket, in cold, dry, ventilated places, away from heat, moisture, direct sunlight and incompatible materials. The recommended storage temperature is between 15-30°C. Generally it is recommended that the temperature does not exceed +40°C.

🚚 TRANSPORT

Propylene glycol is not regulated for any mode of transportation (ADR, RID, IMDG).

! 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.