

MONOETHYLENE GLYCOL (MEG)

GOST 19710-83

This product is used in production of synthetic fibers, resins, solvents, antifreezes and hydraulic liquids.

MAIN QUALITY SPECIFICATIONS		
	PREMIUM Typical Value	1 ST GRADE Typical Value
Ethylene Glycol Mass Content, %, min.	99.8	99.5
Diethylene Glycol Mass Content, %, max.	0.05	-
Colour Hazen, max.		
▪ in normal condition	5	20
▪ after boiling with hydrochloric acid	20	not specified
Refraction Index at 20 °C	1.431-1.432	1.430-1.432
Light Transmission Ratio, %, min., at Wavelengths, nm:		
- 220	75	-
- 275	95	-
- 50	100	-
Water Mass Content, %, max.	0.1	0.5
Acids Mass Content, in terms of Acetic Acid, %, max.	0.0006	-

Supply Form:	Colorless transparent liquid with strong odor
Packaging:	Product is shipped in railway railway tank-cars
Transportation:	Product to be transported in railway tank-cars by all covered transportation means according to the current Rules for Transportation of Dangerous Goods.
Storage:	Product shall be stored away from open fire in sealed containers from aluminum, corrosive or aluminized steel. Expire date – 1 year from the production date (for Premium Grade) and 3 years (for 1 ST Grade).

DIETHYLENE GLYCOL (DEG)

(GOST 10136-77)

Diethyleneglycol is an extraction agent for aromatic hydrocarbons and as dryer of natural gas.

MAIN QUALITY SPECIFICATIONS		
	GRADE A Typical Value	GRADE B Typical Value
Diethylene Glycol Mass Content, %, min.	99.5	98.0
Density at 20 °C, g/cm ³	1.116 – 1.117	
Colour Hazen, max.	10	20
Acids Mass Content in terms of Acetic Acid, %, max.	0.005	0.01
Saponification Number, mg KOH/g of product, max.	0.1	0.3
Distillation, Temperature Range at 101.3 kPa:		
initial boiling point, °C, min.	244	241
final boiling point, °C, max.	249	250
Water Mass Content, %, max.	0.05	0.2

Supply Form:	Colorless or yellowish clear, viscous, hygroscopic liquid without odor
Packaging:	Product is shipped in railway railway tank-cars
Transportation:	Product to be transported in railway tank-cars by all covered transportation means according to the current Rules for Transportation of Dangerous Goods.
Storage:	Product shall be stored away from the open fire either in sealed containers from aluminum, corrosive or aluminized steel or in drums in sheltered storages vertically maximum three tiers high. Storage in carbon steel drums is unacceptable. Expire date – 1 year from the production date.

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