

ETHYLENE GLYCOL

Ethylene glycol is a product of ethylene oxide hydration. It is used for production of synthetic fibers, solvents, antifreezes and hydraulic fluids.

CAS Number: 107-21-1

Design specification: GOST 19710-83

PROPERTY	VALUE		TEST METHOD
	Premium	First	
Ethyleneglycol mass content, %, min.	99.8	98.5	para. 4.4 of GOST
Diethyleneglycol mass content, %, max.	0.05	1.0	para. 4.4 of GOST
Color, Hazen, max.: in normal condition after boiling with hydrochloric acid	5 20	20 -	para. 4.5 of GOST
Residue mass content after calcination, %, max.	0.001	0.002	para. 4.6 of GOST
Iron mass content, %, max.	0.00001	0.0005	para. 4.7 of GOST
Water mass content, %, max.	0.1	0.5	para. 4.8 of GOST
Acids mass content in terms of acetic acid, %, max.	0.0006	0.005	para. 4.9 of GOST
Refraction index at 20°C	1.431 - 1.432	1.430 - 1.432	GOST 18995.2
Light transmission ratio, %, min.: at wavelengths, nm:			para. 4.11 of GOST
220	75	-	
275	95	-	
350	100	-	

Supply form: Flammable transparent liquid.

Packaging: Product is shipped in rail-way tank-cars, as well as in aluminum and steel non-galvanized drums.

Transportation: Product in drums is transported by all means of covered transport. Bulk product is transported in rail-way tank-cars of aluminum or non-corrosive steel.

Storage: Storage in sealed containers made of aluminum, non-corrosive or aluminized steel. Drummed product should be stored in sheltered non-heated warehouses. Drums should be stacked vertically maximum three tiers high.

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