

## TRIETHYLENE GLYCOL

Triethylene glycol is a by-product of ethylene and diethylene glycol production. Grade A is used as feedstock in production of oligoester and polyester acrylates. Plasticizers. Grade B is used for dehumidification of gas and air in the production of antifreezes and oligoester acrylates.

CAS Number: 112-27-6

Design specification: TU 6-01-5-88

PROPERTY	VALUE		TEST METHOD
	GRADE A	GRADE B	
Triethyleneglycol mass content, %, min.	98	90	para 3.4 of TU
Mono-, Di- and Tetra-ethylene glycol mass content, %, max: including ethylene glycol	2 0.1	10 0.8	para 3.4 of TU
Water mass content, %, max.	0.1	0.3	para 3.5 of TU
Color, Hazen, max.: in normal condition after boiling with hydrochloric acid	20 180	- -	para 3.6 of TU para 3.6 of TU
Density at 20°C, g/cm <sup>3</sup>	1.123 - 1.124	min. 1.121	para 3.7 of TU
Aldehydes mass content in terms of acetaldehyde, %, max.	0.01	-	para 3.8 of TU
Acids mass content in terms of acetic acid, %, max.	0.002	-	para 3.9 of TU
Peroxidates mass content in terms of iodine, %, max.	0.005	-	para 3.10 of TU

**Supply form:** Clear flammable liquid without mechanical impurities.

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

**Transportation:** Product in drums is transported by all means of covered transport. Bulk product is transported in rail-way tank-cars and tank-cars.

**Storage:** Storage in sealed containers made of aluminum or non-corrosive steel. Drummed product should be stored in warehouses. Storage temperature should be in range of -50°C to +50°C.

*Information contained in this document is provided to the best of our knowledge and is considered true as per revision date. This specification does not release the customer from obligation to check the product as to its suitability for intended area of usage. We do not accept any liability for loss and damage that may occur from the use of this information.*