



TECHNICAL DATA SHEET FOR TRI ETHYLENE GLYCOL (TEG)

Product Code Name : (TEG)
Chemical Name : Tri Ethylene Glycol.
Chemical Formula : HOCH₂CH₂OCH₂CH₂OCH₂CH₂OH.
C.A.S. No. : 112-27-6.

ITEM No.	Parameters	Specification Limits
Chemical Properties :		
1	Appearance	Clearcolourless liquid
2	Specific gravity @20°C kg/l.	1.125-1.127
3	Water Content	≤0.25%
4	Purity %wt	99.5 %Min.
5	Percentage of (MEG+DEG)	≤0.20%
6	Distillation Range, °C	285-295
7	pHfor (1:1)(TEG/H ₂ O)	6.5 -8.5
8	Kinematic viscosity at 20°C cp.	42.5 to 52.5
Physical Properties:		
9	Molecular Weight	150.17
10	Melting Point	-5°C
11	Vapor Density(Air)	5.17
12	Vapor Pressure (mm Hg)	<0.01 @20C
13	Evaporation Rate(BuAC=1)	0.01
14	Chloride ppm	≤ 10ppm
15	Solubility in water	soluble

OFFICE : "OM VILLA" D-17 to 24, VASANT VIHAR, NR. SHRUSHTI APT; LUNCIKUI, NAVSARI-396 445
 MOB : 9429723461 • E-MAIL : anup@swastikoil.com, mitesh@swastikoil.com