

Date :

Ref :



IRAN PETROCHEMICAL COMMERCIAL CO.



Mono Ethylene Glycol

Formula : OH-CH₂-CH₂-OH

Type : Fiber grade

Application : Coolant & antifreeze, Polyester fibers & films & low-Freezing
Dynamite

Plant : Maroun Complex

PROPERTY & COMPOSITION	VALUE	TEST METHOD
Purity (wt %)	Min. 99.8	ASTM D- 2693
SP.gr. @ 20/20 deg.C	1.1151-1.1156	ASTM D- 4052
Diethylene Glycol (wt %)	Max. 0.08	ASTM E- 611
Water (wt %)	Max 0.08	ASTM E-202
Acidity (As acetic acid) (mg/kg)	Max. 10	ASTM D- 1613
Ash (mg/kg)	Max. 50	ASTM D- 482
Iron (Fe) (mg/kg)	Max. 0.1	ASTM E- 202
Chloride (mg/kg).	Max. 0.05	SMS 2296
Colour, Pt-Co	Max. 5	ASTM E-202
Aldehyde as (formaldehyde) (mg/kg).	Max. 8	SMS 1996
Boiling range (0.1013 Mpa)		
5% vol	Min. 196	ASTM E-202
95% vol	Max. 199	---
UV transmittance %		
@ 220 nm	Min. 80	SMS 1997
@ 275 nm	Min 95	
@ 350 nm	Min 99	