



MORVARID Petrochemical Company

Specification of Monoethylene Glycol (MEG)



Fibre Grade Monoethylene Glycol (MEG)

Appearance		Colourless, transparent
Colour (Pt/Co)	max.	5
Purity	wt.% min.	99.8
DEG	wt.% max.	0.08
Water	wt.% max.	0.08
Aldehydes (as Formaldehyde)	mg/kg max.	8
Acidity (as Acetic Acid)	mg/kg max.	10
Iron (as Fe)	mg/kg max.	0.1
Inorganic Chlorides (as Cl)	mg/kg max.	0.05
Ash	mg/kg max.	50
Specific Gravity, 20/20 °C		1.1151 - 1.1156
UV transmittance		
At 220 nm	% min	80
At 275 nm	% min	95
At 350 nm	% min	99
Boiling Range (0.1013 Mpa)		
5 % vol.	°C min	196
95 % vol.	°C max	199