



# MEG

## مونو اتیلن گلیکول

### پتروشیمی مروارید

#### Specification

Test Item	Unit	Result	Test Method
Appearance		Colourless, transparent	ASTM D-4176, VISUAL
Colour (Pt/Co)	max.	5	ASTM D-1209
Purity	wt.% min.	99.8	SMS-2886
DEG	wt.% min.	0.08	SMS-2886
Water	wt.% min.	0.08	ASTM E-203
Aldehydes (as Formaldehyde)	mg/kg max.	8	SMS-1996
Acidity (as Acetic Acid)	mg/kg max.	10	ASTM D-1613
Iron (as Fe)	mg/kg max.	0.1	ASTM E-394
Inorganic Chlorides (as Cl)	mg/kg max.	0.05	SMS-1677
Ash	mg/kg max.	50	ASTM D-482
Specific Gravity, 20/20 °C		1.1151 - 1.1156	ASTM D-4052
<b>UV transmittance</b>			
At 220 nm	% min	80	SMS-1997
At 275 nm	% min.	95	SMS-1997
At 350 nm	% min.	99	SMS-1997
<b>Boiling Range (0.1013 Mpa)</b>			
5 % vol.	°C min	196	ASTM D-1078
95 % vol.	°C max	199	ASTM D-1078