

MEG

The plant design capacity is 400 kta MEG under shell(Netherlands) license.
The primary design case is based on production of MEG as main product and DEG and TEG as by-products.Below table provides a summary of the design case.

MEG	
Appearance	Colourless,transparent
Purity	wt % min 99.8
Color (Pt-Co)	max 5
DEG	0.08wt % max
Water	0.08wt % max
Specific gravity, 20/20	1.1151-1.1156
Boiling range at 0.1013 Mpa	
5 Vol	Min.196°C
95 Vol	Max. 199°C
Aldehydes (as formaldehyde)	8 mg/kg max

Appearance	Colourless,transparent
Acidity (as acetic)	10 mg/kg max
Iron (as Fe)	0.1 mg/kg max
Inorganic chlorides (as Cl)	0.05 mg/kg max
Ash	50 mg/kg max
UV Transmittance%	
-220 nm	80 min
-275 nm	95 min
-350 nm	99 min