

Technical Data Sheet (TDS)

Mono ethylene Glycol (MEG)

HS Code: 29053100

DESCRIPTION:

Mono ethylene glycol also known as MEG, is an organic compound with the formula C₂H₆O₂. It has a clear, colorless appearance and a little bit viscous and odorless. It's miscible with water, alcohols, and many other organic compounds and is used in the industry for manufacturing polyester fibers and as a component in the production of antifreeze, coolants, aircraft anti-icers and de-icers.

Characteristic	Test Method	Unit	Value
PURITY	ASTM E – 202	WT. %	99.8 MIN.
DIETHYLENE GLYCOL	ASTM E – 202	WT. %	0.08 MAX.
WATER CONTENT	ASTM E – 203	WT. %	0.08 MAX.
ACIDITY AS ACETIC ACID	ASTM D – 1613	WT. PPM	10 MAX.
ASH	DC – 254 A	gr/10ml	0.005 MAX.
CHLORIDES	EO - 635	WT. PPM	0.1 MAX.
IRON	ASTM E – 202	WT. PPM	0.1 MAX.
ALDEHYDE AS ACETALDEHYDE	DC – 163C	WT. PPM	10 MAX.
COLOR Pt-Co	ASTM D – 1209	Pt – Co	5 MAX.
SP. GR (20/20 °C)	ASTM D – 891	-	1.1151 – 1156
DISTILLATION @ 760 MM-Hg			
IBP	ASTM D – 1078	°C	196 MIN.
DP	ASTM D – 1078	°C	199 MAX.
5-95 VOL % RANGE	ASTM D – 1078	°C	1 MAX.
UV TRANSMITTANCE			
AT 220 nm	EO – 577 A	T%	70 MIN.
AT 275 nm	EO – 577 A	T%	95 MN.
AT 350 nm	EO – 577 A	T%	99 MIN.



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