

Mono-Ethylene Glycol

MEG

Overview

Ethylene oxide (EO) is produced by oxidation of ethylene, and EO is reacted with water to produce ethylene glycol (EG), a colorless liquid. It's a colorless, odorless liquid product at room temperature.

Application

Antifreeze, polyester's raw material.

Physical properties

Item	Test Method	Unit	Typical Value
APPEARANCE	HTC METHOD	-	Clear
SP.GR(20/20°C)	ASTM D4052	-	1.1153
COLOR(BEFORE HEATING)	ASTM D1209	-	LT5
DISTILLATION (5%)	ASTM D1078	°C	197.1
DISTILLATION (95%)	ASTM D1078	°C	197.4
PURITY	E611	Wt %	99.98
DEG	E611	Wt %	0.004
UV TRANSMISSION(220NM)	E2193	%	92.8
UV TRANSMISSION(275NM)	E2193	%	99.4
UV TRANSMISSION(350NM)	E2193	%	99.9
ACIDITY(AS ACETICACID)	ASTM D1613	Wt ppm	LT10
IRON(Fe)	E394	Wt ppm	LT0.10
ASH	ASTM D482	Wt ppm	LT10
WATER	E203	Wt %	0.017
ALDEHYDE(AS ACETALDEHYDE)	E2313	Wt ppm	1

Note: The data is a representative value of the guide material and may be changed depending on the manufacturing raw material and process situation.

Certification

EU REACH Registration (EC NO 203-473-3)

For further inquiries, please contact us at the address or phone number below.

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