

Tri-Ethylene Glycol

TEG

Overview

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

Application

Raw material for synthetic resins.

Physical properties

Item	Test Method	Unit	Typical Value
APPEARANCE	HTC METHOD	%	Clear
SP.GR(20/20°C)	ASTM D4052	-	1.1253
COLOR(Pt-Co)	ASTM D1209	-	23
DISTILLATION (5%)	ASTM D1078	°C	287.5
DISTILLATION (95%)	ASTM D1078	°C	290.4
DEG	BY GC	Wt %	0.37
PURITY	E202	Wt %	99.36
PEG	BY GC	Wt %	0.13
WATER	E203	Wt %	0.99

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

Contact information

Hanwha TotalEnergies Petrochemical co. Ltd.
www.htpchem.com

Sales Office
04525 No.92, Sejong-daero, Jung-gu, 16,18-20F, Hanwha
Finance Plaza, Seoul, Republic of Korea
16th floor of Hanwha Financial Plaza
T. 82-2-3415-9365 T. 82-2-3415-9463

Energy Customer Technical Support Team
31900 103, Dokgot 2-ro, Daesan-eup, Seosan-si,
Chungcheongnam-do, Republic of Korea
T. 82-41-660-6831 F. 82-41-660-6290

Disclaimer

This document is copyrighted by Hanwha TotalEnergies Petrochemical. All information is for reference only and is not the specifications of the final product. Customers should make their own judgments as to whether our products and information serve a particular purpose and what regulations apply to customers' use of such products. Hanwha TotalEnergies Petrochemical is not responsible or obligated for the contents of this document. Hanwha TotalEnergies Petrochemical provides no warranties of any kind, either express or implied (such as merchantability and or fitness for a particular purpose, etc.) with respect to any information contained in this material. Hanwha TotalEnergies Petrochemical may arbitrarily change the contents of this material without prior notice.