

High Purity Ethylene Oxide

HPEO

Overview

Ethylene oxide (EO) is produced by oxidation of ethylene. It is a colorless gaseous product at room temperature with high sterilization and insecticidal power.

Application

Gas sterilizers such as medical equipment and packaging containers.

Physical properties

Item	Test Method	Unit	Typical Value
APPEARANCE	HTC METHOD	-	Clear
PURITY	BY GC	Wt %	99.99
ACIDITY	ASTM D1613	Wt ppm	LT10
ALDEHYDE (AS ACETALDEHYDE)	S/D DC163A	Wt ppm	LT10
RESIDUE	S/D DC133	Wt ppm	LT50
WATER	E203	Wt ppm	50

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 200-849-3)

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

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

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