

DuPont Fluoromonomers

Perfluoropropyl Vinyl Ether

Product Data

Property	Unit	Minimum	Maximum
Organic Purity - PPVE	weight %	97.5	—
Hydro-PPVE	weight %	—	2.0
Iso-PPVE	weight %	—	1.0

Physical Properties

Property	Unit	Typical Value
Chemical Name	—	Propane, 1,1,1,2,2,3,3-Heptafluoro-3-[(Trifluoroethenyl)Oxy]
CAS No.	—	1623-05-8
EINECS No.	—	216-600-2
Chemical Formula	—	CF ₃ -CF ₂ -CF ₂ -O-CF=CF ₂
Molecular Weight	—	266.03
Boiling Point at 1 atm	°C (°F)	35 (95)
Critical Temperature	°C (°F)	150.3 (302.5)
Autoignition Temperature	°C (°F)	157 (315)
Liquid Density at 25°C (77°F)	kg/m ³ (lb/ft ³)	1530 (95.5)
Vapor Pressure at 37.8°C (100°F)	kPa (psia)	110.8 (16.1)
Flammability Limits	vol%	1.1–47.0
TSCA-Reported/Included	—	Yes
Toxicity, AEL 8 and 12 hr TWA	vol, ppm	200
Shipping UN No.	—	UN1993

* AEL is the DuPont Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

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