

PERFLUOROPROPYL VINYL ETHER



Manufacturer:
"HaloPolymer Kirovo-Chepetsk", LLC

CHEMICAL NAME:	1,1,1,2,2,3,3-heptafluoro-3-(1,2,2-trifluoroethenoxy)propane
SYNONYMS:	Perfluoropropylperfluorovinyl ether; Perfluoro (propyl vinyl) ether; Perfluoropropoxyethylene
TRADE NAME:	Perfluoropropyl Vinyl Ether, PPVE, Heptafluoropropyl trifluorovinyl ether
CHEMICAL FORMULA:	$\text{CF}_3\text{CF}_2\text{CF}_2\text{OCF}=\text{CF}_2$; $(\text{C}_5\text{F}_{10}\text{O})$
CAS N°:	1623-05-8
EC N°:	216-600-2

It is a transparent, colorless liquid without mechanical impurities, with slight specific smell, difficult-flammable, inexplusive.



PROPERTIES	UNITS	VALUE
Mass fraction of perfluoropropylvinyl ether inclusive of mass fraction of perfluoro (isopropyl vinyl ether), min	%	99,0
Mass fraction of other impurities determined by chromatographic method, max	%	1
Flash Point	°C	-20
Density	g/cm ³	1,609
Boiling point, in range of 760 mmHg	°C	34-35
Melting point	°C	-70
Molecular weight	-	266,04



Main application:

Perfluoropropyl Vinyl Ether is used to produce fluororganic polymers, copolymers and compounds.



Package:

Perfluoropropyl Vinyl Ether is filled into stainless steel containers with the capacity 40 dm³ or 250 dm³. Consumer's hermetical special steel containers supplied with the Act of suitability are allowed.



Transportation and storage :

Perfluoropropyl Vinyl Ether is transported in any kind of transport. It is stored in stockrooms providing sun protection.