



TECHNICAL DATA SHEET

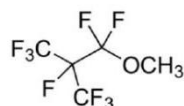
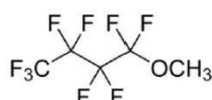
PFE-10

Chemical Name : Methyl Perfluorobutyl Ether Methyl Perfluoroisobutyl Ether

CAS No. : 163702-07-6 163702-08-7

Molecular Formula : C₅H₃F₉O

Molecular Structure :



Physical Properties

Properties	PFE-10
Average Molecular Weight	250 (g/mol)
Boiling Point	61(°C)
Pour Point	-135(°C)
Calculated Critical Temperature	195(°C)
Calculated Critical Pressure	2.23 (Mpa)
Vapor Pressure	202(mmHg)
Latent Heat of Vaporization	112(kJ/kg)
Liquid Density (25(°C))	1520(kg/m ³)
Kinematic Viscosity	0.38(cSt)
Absolute Viscosity	0.58(cP)
Liquid Specific Heat	1183(J/kg-K)
Coefficient of Expansion	0.0018(K ⁻¹)
Surface Tension	13.6(mN/m)
Dielectric Strength	>25(kV)
Dielectric Constant@1kHz	7.4
volume resistivity	10 ⁸ (Ohm-cm)
Solubility of Solvent in Water	12(ppm)
Solubility of Water in Solvent	95(ppm)
Ozone Depletion Potential	0



Applications:

Electronic cleaner, cosmetic solvent, temperature control agent.

Packing:

5kgs/Drum (Drum capacity:4L) 、 20kgs/Drum (Drum capacity:15L) 、
250kgs/Drum (Drum capacity:200L)

Storage:

Conditions for safe storage including any incompatibilities

Store away from acids. Store away from strong bases. Store away from oxidizing agents.