

Product Name: Hexafluoropropylene	Molecular formula: C ₃ F ₆
Chemical Name: Perfluoropropylene	Synonyms: Hexafluoropropylene
Molecular mass: 150.02	

Characteristic:

Boiling point under normal pressure: -29.4°C; melting point: -152.6°C, critical temperature: 85.2°C; relative density of liquid: 1.58, Relative density of steam: 5.2; decomposition temperature: 600 °C; slightly soluble in ethanol and ether and is classified as 3rd category low-toxicity substances in chemicals.

Specifications

Items	unit	index		
		Premium product	1st Grade product	Qualified product
Characteristics	–	Colorless transparent liquefied gas		
Purity	%	99.98	99.9	99.5
Moisture	mg/kg	≤40		
Oxygen Content	10-6V/N	≤50		
Acidity (based on HCl)	mg/kg	≤1.0		

Applications:

It can be used to prepare fluorine rubber, fluoroplastic F46, a variety of fluorine-containing fine chemical products, pharmaceutical intermediates, fluorine-containing fire extinguishing agents etc. It can also be used as perfluorosulfonic acid ion exchange membrane (for salt electrolysis), fluorocarbon oil, perfluoropropylene oxide, fluorosurfactants raw materials etc.

Packaging, Transportation, Storage:

It can be packaged in 1T /cylinder, ISO-TANK or according to customers' requirements. It comes with safety technical instructions and safety labels. Avoid violent vibrations during transportation, store in a ventilated and dry place, and keep away from heat sources.

