



JINCOOL<sup>®</sup>  
**HFC-134a**



Tetrafluoroethane  
 $\text{CH}_2\text{FCF}_3$

Application

Packing

Product Description

Physical Properties

Appearance: Colorless liquefied gas, special smell.

Molecular Weight	102.03	Boiling Point, °C	-26.1
Critical Temperature, °C	101.1	Saturated Vapour Pressure(25°C), Kpa	665
Melting Point, °C	-101.1	Critical Pressure, Mpa	4.067
Critical Density, g/cm <sup>3</sup>	0.512	Latent Heat of Vaporation at Boiling Point, KJ/Kg	215.0
Solubility in Water(25°C), W%	0.15	Specific Heat(Liquid 25°C), KJ/Kg · °C	1.51
Relative Density (Water = 1)	3.5	Self-ignition Temperature, °C	750

Environment Data

ODP	0
GWP	1300
Atmospheric lifetime (years)	13.8

Specifications

Grade	Excellent	Qualified
Purity, %	99.9	99.5
Moisture, % ≤	0.001	0.005
Acidity, %	0.0001	0.0001
Nonvolatile Residues, % ≤	0.01	0.01
Noncondensable Gas, % ≤	1.5	1.5



SINOCHEM LANTIAN CO.,LTD.

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