



贸基进出口有限公司

MAOJI IMP. AND EXP. LIMITED

Refrigerant Gas HFO-1234yf

molecular formula: C₃H₂F₄

UN Number: 3161

risk grades: 2.1

Physical property:

molecular weight	114.04
boiling point℃	-29
relative density(25℃), liquid, g/cm ³	1.094
melting point℃	-152
critical temperature ℃	95
saturated vapor pressure (25℃) MPa	0.673
ODP	0
GWP	<1

Quality index (GB/T 7373-2006)

grade	superior grade	top grade
appearance	colorless transparent liquefied gas	colorless transparent liquefied gas
purity, %≥	99.8	99.6
moisture, %≤	0.001	0.001
acidity(in HCL), %≤	0.00001	0.0001
evaporated residue, %≤	0.005	0.010
volume fraction of non-condensable gas (25℃), %≤	1.5	1.5
Cl ⁻	passed	Passed

[Uses] : Low GWP new refrigerant, substitute for R134a in car air conditioner.

[Packing specification] : steel cylinder; 5kg/10kg/20kg/830kg, 18 tons tank.