



Title : Chlorodifluoroethane (HCFC-142b)

Chlorodifluoroethane (HCFC-142b)

Physical properties

Molecular formula	CH ₃ CClF ₂
Molecular weight	100.49
Boiling point 101.3KPa (°C)	-9.00
Freezing point 101.3KPa (°C)	-131.00
Density 30°C(kg/m ³)	1096.90
Critical temperature (°C)	137.10
Critical pressure (MPa)	4.12
ODP	0.043
GWP	0.36

Quality index

Purity	≥99.80%
Water content	≤0.001%
Acidity	—
Evaporation residue	≤0.01%
Chloride(Cl-) content	—
Appearance	Colorless and clear
Odor	Odorless

Application : HCFC-142b main applications cover refrigerating systems at high temperature , on-off thermostat and intermediate in the aviation propellant . It can also be used in metallegury, chemical and meter industries etc.

Packing : Non- refillable cylinder: 30lb 13.6kg Refillable cylinder—400L、800L、926L、1000L

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