



## REFRON R407-c

(Pentafluoroethane, Difluoromethane & 1,1,1,2-tetrafluoroethane)

### TECHNICAL DATA SHEET

#### PRODUCT DESCRIPTION

REFRON 407c is a zeotropic blend of difluoromethane ( $\text{CH}_2\text{F}_2$ , called R-32), pentafluoroethane ( $\text{CHF}_2\text{CF}_3$ , called R-125) & 1,1,1,2-tetrafluoroethane ( $\text{CH}_2\text{FCF}_3$ , called R-134a).

#### APPLICATIONS

Suitable for use in air conditioning, chilling, and refrigeration.

#### TYPICAL PROPERTIES

Parameters	Unit	Value
R-32 R-125 R-134a	Blend ratio	23 25 52
Boiling Point	°C	-43.6
Saturated vapor pressure	MPa, 25 °C	1.19
Range of flammability	Volume% in air	Non Flammable
Ozone Depletion Potential (ODP)	(ODP) *1	0
Global Warming Potential (GWP)	GWP *2 (*)*3	1770 ( 1530)

\*1. Based on December 1991 announcement by AFEAS

\*2. Integrated time of 100years based on IPPCC 4 Report 2007

\*3. Integrated time of 100years based on IPPCC 2 Report 1995

#### HANDLING AND STORAGE

R407c is liquefied high-pressure gas. Read the Material Safety Data Sheet (MSDS) before use. Dangerous or Hazardous reactions do not take place under normal conditions.

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#### SALES AND TECHNICAL SUPPORT

##### Corporate & Marketing Headquarter

INOX Towers, 17, Sector-16A,  
Noida - 201301 U.P., India  
+91 120 6149600

##### Regd. Office

Survey No. 16/3, 26,27, Ranjitnagar, Tal. Ghoghamba,  
Dist. Panchmahal, Gujarat. 389 380, India.  
+91-2678-248152/248107

