

REFRON R407-c

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

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

REFRON 407c is a zeotropic blend of difluoromethane (CH_2F_2 , called R-32), pentafluoroethane (CHF_2CF_3 , called R-125) & 1,1,1,2-tetrafluoroethane (CH_2FCF_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.

REFRON is the brand name of Gujarat Fluorochemicals Limited (GFL) used for its brand of refrigerants. REFRON can be used in applications duly approved by GFL. Customers who plan to use the word REFRON as the trademark on or relation to their refrigerants and other products in any style or combination or any manner whatsoever must contact GFL for prior permission for such use. No consumer/user of GFL refrigerants is permitted to claim that their products contain REFRON without prior permission from GFL.

The information provided in the bulletin is furnished at no cost to the recipient and is based on the information and technical data that Gujarat Fluorochemicals Limited believes is correct and sound. Those who choose to use the information must be technically qualified, and do so entirely at their own cost and risk. The users must determine and ensure that their specific conditions of processing present no health or safety hazards. GFL does not warranty, either expressly or impliedly in respect of the use of this information for application of its REFRON branded refrigerants and shall bear no liability as a result of any loss or damage caused directly or indirectly due to use of any information provided in this bulletin. Nothing contained herein can be taken or construed as a grant of license by GFL to operate under or a recommendation to infringe any patents.

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