

REFRON R410-a (Pentafluoroethane & Difluoromethane)

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

REFRON R-410a is zeotropic, but a near-azeotropic mixture of difluoromethane (CH₂F₂, called R-32) and pentafluoroethane (CHF₂CF₃, called R-125).

APPLICATIONS

It is used as a refrigerant in air conditioning applications.

TYPICAL PROPERTIES

Parameters	Unit	Value
R-32	%	50 ± 1.0
R-125	%	50 ± 1.0
Water content	ppm (Max.)	10.0
Non-condensable gases (Vapor phase)	Vol. % (Max.)	1.5
Evaporating residue	V/V % (Max.)	0.01
Acidity as HCl	WT ppm (Max.)	1.0
Chloride	-	Pass (No visible turbidity)
Appearance	-	Clear and colorless liquefied gas

HANDLING AND STORAGE

Protect from Sunlight. Protect from Sunlight when the ambient temperature exceeds 52°C/125°F. Store in a well-ventilated place. For further details please refer to MSDS which is available on request.

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