



R32

Item	288400
Description	Refrigerant HFC

DATA SHEET

CAS N.	75-10-5
CEE N.	200-839-4
ASHRAE N.	R-32
Chemical name	Difluoromethane
Molecular formula	CH ₂ F ₂

PROPERTIES

Appearance		Colourless liquefied gas
Molar mass	g/mol	52
Vapour pressure (a 20°C)	bar	14,75
Freezing point	°C	-136
Boiling point (at 101,3 kPa)	°C	-51,65
Critical temperature	°C	78,1
Liquid density at 20°C (at P ev)	Kg/m ³	981,4
Vapour density at 20°C (at P ev)	Kg/m ³	40,86
Acidity (as HCl)	ppm	≤ 1,0
High-boiling residue	% v/v	≤ 0,01

GUARANTEE

Purity	% p/p	≥ 99,8
Air and other non-condensables	% v/v	≤ 1,5
Water	ppm	≤ 15