R32

NAME: R32 (HFC-32)
TYPE: Difluoromethane
CHEMICAL FORMULA: CH2F2
TYPICAL USE: REFRIGERANT GAS

TYPICAL PROPERTIES: (in according to AHRI 700-2017 standard)

Purity	> 99,5	% wt
Moisture	< 10	ppm
Acidity	< 0,1	ppm
Residues	< 100	ppm
Non condensable gas	< 1,5	%

PHYSICAL PROPERTIES:

Molecular weight	52,02	kg/kmol
Boiling point at 1.013 bar	-51,63	°C
Relative Vapour Pressure at 20°C	13,80	bar
Critical temperature	78,1	°C
Critical pressure	58	bar
Spec. heat capacity at constant pressure (Cp) at 25°	0,04374	kJ/(kg.K)
Spec. heat capacity at constant volume (Cv) at 25°	0,0349	kJ/(Kg.K)
Ratio of specific heats (Gamma; Cp/Cv) at 25°	1,253	
Density of saturated liquid at 20°	1,1	kg/m³
Density of saturated vapor at 20°	1,8	kg/m³
Flammability	yes	
GWP	675	
ODP	0	
ADR/RID	2.1	
UN NUMBER	3252	
CAS	70-10-5	
EINECS	200-839-4	
ASHRARE	A2L	

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