



Westfalen

Product sheet R-1270

Product name	R-1270
Physical state	liquefied under pressure
Chemical sign	C ₃ H ₆
Chemical designation	R-1270
Purity	99,5 %
Standard	DIN 8960
Properties	see safety data sheet
Shoulder color	flame red (RAL 3000)

Minor components	Maximum values
organic substances	0,5 wt%
Moisture	25,0 wt. ppm
high-boiling residues	50,0 wt. ppm
non-condensable gases	1,5 vol.%

Name	Material number	Bottle type	Bottle container volume	Vapour/filling pressure	Content	Valve	Properties
Refrigerant R 1270 T12 RCyl: 5,0 kg	A06640112	steel	12,0 l	10,4 bar	5,0 kg	DIN 477 No. 1	immersion tube
Refrigerant R 1270 T27 RCyl: 11,0 kg	A06640127	steel	27,0 l	10,4 bar	11,0 kg	DIN 477 No. 1	immersion tube
Refrigerant R 1270 T27 C DV RCyl: 11 kg	A0664012749	steel			11,0 kg	DIN 477 No. 6	Cage, immersion tube
Refrigerant R 1270 T79 RCyl: 33,0 kg	A06640179	steel	79,0 l	10,4 bar	33,0 kg	DIN 477 No. 1	immersion tube

Vapour pressure corresponds to 293.15 K (20°C).

Typical applications

- as a refrigerant
- in industrial refrigeration
- in household appliances



Physical data		
operating figures	Safety group according to DIN EN 378	A3
	Global warming potential (GWP ₁₀₀)	1,8
	Molar mass	42,1 g mol ⁻¹
	Flammability (LFL)	0,047 kg m ⁻³
	ozone depletion potential	0
	practical threshold value	0,008 kg m ⁻³
Liquid State	Boiling Point	225,15 (-48,0) K (°C)
Critical Point	Temperature	364,75 (91,6) K (°C)
	density	232,5 kg m ⁻³
	Pressure	46,1 bar

All mentioned data, values and notes correspond to actual state of knowledge on the date of printing. They make no claim to be correct or complete and therefore do not release the user from his obligation to check them.

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