



Westfalen

Product sheet R-290

Product name	R-290
Physical state	liquefied under pressure
Chemical sign	C ₃ H ₈
Chemical designation	R-290
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 290 T12 RCyl: 5,0 kg	S06600112	steel	12,0 l		5,0 kg		
Refrigerant R 290 T27 RCyl: 11,0 kg	S06600127	steel	27,0 l	8,5 bar	11,0 kg	DIN 477 No. 1	
Refrigerant R 290 T61 RCyl: 25,0 kg	S06600161	steel	61,0 l	8,5 bar	25,0 kg	DIN 477 No. 1	

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



Physical data		
	Global warming potential (GWP ₁₀₀)	3,3
	Molar mass	44,0 g mol ⁻¹
	Flammability (LFL)	0,038 kg m ⁻³
	ozone depletion potential	0
	practical threshold value	0,008 kg m ⁻³
Liquid State	Boiling Point	231,15 (-42,00) K (°C)
Critical Point	Temperature	369,82 (96,67) K (°C)
	density	217 kg m ⁻³
	Pressure	42,5 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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