



Westfalen

Product sheet Opteon™ XL20 (R-454C)

Product name	Opteon™ XL20 (R-454C)
Physical state	liquefied under pressure
Purity	99,5 %
Standard	DIN 8960
Properties	see safety data sheet
Shoulder color	flame red (RAL 3000)

Components	
R-32 Difluoromethane	21,5 wt%
R-1234yf (2,3,3,3-Tetrafluoroprop-1-ene)	78,5 wt%

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
	W06930112	steel	12,0 l				

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

Typical applications

- as a refrigerant

Physical data

operating figures	Safety group according to DIN EN 378	A2L
	Global warming potential (GWP ₁₀₀)	148
	Molar mass	90,8 g mol ⁻¹



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Physical data		
Liquid State	Boiling Point	227,25 (-45,9) K (°C)
Critical Point	Temperature	358,85 (85,7) K (°C)
	density	461,6 kg m ⁻³
	Pressure	43,2 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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