

Product Specification

Opteon™ XP44 (R452A)

ASHRAE Number: R452A

Composition:

Component name		Chemical Formula	CAS Number	Composition (%w/w)
Tetrafluoroprop-1-ene	(HFO1234yf)	C ₃ H ₂ F ₄	754-12-1	30
Difluoromethane	(R32)	CH ₂ F ₂	75-10-5	11
Pentafluoroethane	(R125)	CHF ₂ CF ₃	354-33-6	59

Guaranteed Specifications

Purity	Minimum	99.5	%w/w
Water content	Maximum	10.0	ppm w/w
Non-Condensable Gas (vapour phase)	Maximum	1.5	% v/v
High boiling residue	Maximum	0.01	% w/w
Acidity (as HCl)	Maximum	1.0	ppm w/w
Chloride	No visible turbidity	Pass	
Appearance	Clear and colourless liquefied gas		

For toxicological and health and safety information, please consult our Safety Data Sheet.

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