

## Specification R 454A

	unit	min.	max.	test method
purity	%-wt	99,5		gaschromatography

### composition

R 1234yf	%-wt	63,0	67,0	gaschromatography
R 32	%-wt	33,0	37,0	gaschromatography

### impurities

water	mg/kg (ppm)		10	moisture analyser Al <sub>2</sub> O <sub>3</sub> -cell
high boiling residue	%-wt		0,01	controlled total evaporation
acidity	mg/kg		0,1	titration
non-conden- sable gases	%-vol		1,5	gaschromatography
particulates/solids	clear, colourless, liquified gas			visuell inspection