

R-1234yf

SPECIFICATIONS FROM AHRI STANDARD 700

STANDARD SPECIFICATIONS	LIMIT VALUE
Purity	≥ 99,5 % weight
Water content	≤ 10 ppm weight
Acidity (HCl)	≤ 1 ppm weight
Condensable content (gas phase)	≤ 1,5 % volume
High boiling residue	≤ 0,01 % volume

PHYSICAL PROPERTIES

Name	2,3,3,3-Tetrafluoropropene
Chemical formula	$\text{CF}_3\text{-CF}=\text{CH}_2$
Boiling point at 1,013 bar	-29 °C
Critical temperature	95 °C
GWP [AR4]	4
Security class (ISO817, EN378, ASHRAE34)	A2L
Ozone Depletion Potential	0
Lower flammability limits [kg/m^3]	0,286
Oil	POE (PolyolEster) – PAG (Polyalkylèneglycol)

PACKAGING

6L

SUBSTITUTION

- R-134a (en clim auto)

DIFFERENT MARKET NAMES

- SOLSTICE® 1234yf
- OPTEON™ YF