



Octafluorocyclobutane (C₄F₈)

Specifications

	GRADE 3	GRADE 3.8	GRADE 4.5	GRADE 5
Purity	99.9%	99.98%	99.995%	99.999%
Nitrogen		< 80 ppmv	< 8 ppmv	< 3 ppmv
Oxygen		< 20 ppmv	< 2 ppmv	< 1 ppmv
Air (N ₂ +O ₂ +CO+CO ₂)	< 300 ppmv			
Moisture	< 10 ppmv	< 10 ppmv	< 3 ppmv	< 1 ppmv
Tetrafluorocarbons		< 50 ppmv		
Other Fluorocarbons		< 50 ppmv	< 10 ppmv	< 4 ppmv
Other Organics	< 1,000 ppmv			
Acidity		< 0.1 ppmv	< 0.1 ppmv	< 0.1 ppmv

Note: Moisture level guaranteed only when EFC Gases & Advanced Materials prepares the cylinders. All concentrations are on a mol/mol basis unless otherwise stated.

Cylinder Sizes

SIZE	FILL WEIGHT (LB)
49L/Size 300	118
44L/Size 200	100
16L/Size 80	35
7L/Size 35	15

Technical Data

Molecular Weight: 200.03 g/mol
Specific Volume: 1.85 cu.ft./lb
Pressure @ 70°F: 23.5 psig
Valve Outlet: CGA 660 DISS 716

Shipping Information

DOT Name: Octafluorocyclobutane
Hazard Class: 2.2
DOT Number: UN 1976
DOT Label: Green, Non-Flammable Gas
CAS Number: 115-25-3