



Silicon Tetrafluoride (SiF₄)

Specifications

	GRADE 4
Purity	99.99%
Nitrogen	< 3 ppmv
Oxygen + Argon	< 1 ppmv
Carbon Dioxide	< 1 ppmv
Carbon Monoxide	< 0.5 ppmv
Methane	< 10 ppmv
Hydrogen Fluoride	< 50 ppmv
Arsenic	< 0.5 ppmv
Boron	< 0.5 ppmv
Phosphorus	< 0.5 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)
44L/Size 200	80

Technical Data

Molecular Weight: 104.8 g/mol
Specific Volume: 3.7 cu.ft/lb
Pressure @ 70°F: 1000 psig
Valve Outlet: CGA 330 DISS 642

Shipping Information

DOT Name: Silicon Tetrafluoride
Hazard Class: 2.3
DOT Number: UN 1859
DOT Label: Poison Gas, Corrosive
CAS Number: 7783-61-1