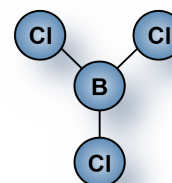




Boron Trichloride (BCl₃)

Boron Trichloride is a colorless, corrosive gas.



| Purity: | Grade 4.5 | Grade 5 | Grade 5.5 |
|-----------------------|-----------|-----------|-----------|
| Specifications: | 99.995% | 99.999% | 99.9995% |
| Oxygen | <9 ppmv | <1 ppmv | <0.5 ppmv |
| Nitrogen | <30 ppmv | <4 ppmv | <0.5 ppmv |
| Carbon Dioxide | <5 ppmv | <2 ppmv | <0.5 ppmv |
| Carbon Monoxide | <3 ppmv | <0.5 ppmv | <0.3 ppmv |
| Methane | <1 ppmv | <0.5 ppmv | <0.5 ppmv |
| Chlorine | <1 ppmv | <1 ppmv | <0.1 ppmv |
| Phosgene | | | <0.1 ppmv |
| Hydrogen Chloride | | | <1 ppmv |
| Silicon Tetrachloride | | | <2 ppmv |

***Moisture level guaranteed only when Electronic Fluorocarbons prepares the cylinders.*

All concentrations are on a mol/mol basis unless otherwise stated.

Product sold on the basis of total impurities. Individual impurities may vary slightly.

**This gas not available for purchase online.*

Cylinder Size

44L/Size 200

110/100/70/40

2L/Size 10

5

Technical Data:

Mol. Wt: 117.17

Sp. Volume: 3.3 cu. ft/lb

Pressure @ 70°F: 4.4 psig

Valve Outlet: CGA 660

DISS 634

Shipping Information:

DOT Name: Boron Trichloride

Hazard Class: 2.3

DOT No.: UN1741

DOT Label: Poison Gas/Inhalation

Hazard, Corrosive Gas

CAs No.: 10294-34-5