



Isobutane (C₄H₁₀)

A colorless, flammable, liquefied gas.

Purity:	Grade 2	Grade 2.5	Grade 3	Grade 3.5	Grade 4	Grade 4.5
Specifications:	99%	99.5%	99.9%	99.95%	99.99%	99.995%
Nitrogen	<800 ppmv	<400 ppmv	<160 ppmv	<20 ppmv	<20 ppmv	<10 ppmv
Oxygen	<200 ppmv	<100 ppmv	<40 ppmv	<5 ppmv	<5 ppmv	<2 ppmv
Other Hydrocarbons	<9000 ppmv	<4900 ppmv	<1000 ppmv	<500 ppmv	<90 ppmv	<45 ppmv
Sulfur	<1 ppmv	<1 ppmv	<1 ppmv	<1 ppmv	<1 ppmv	<1 ppmv
Moisture	<10 ppmv	<5 ppmv	<4 ppmv	<3 ppmv	<2 ppmv	<2 ppmv
Total Impurities	<1%	<5000 ppmv	<1000 ppmv	<500 ppmv	<100 ppmv	<50 ppmv

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

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

This product is analyzed liquid phase.

**This gas not available for purchase online.*

Technical Data:

Mol. Wt: 58.124

Specific Volume: 6.50 cf/lb

Pressure @ 70°F: 31 psig

Flammability Limits: 1.8-8.4% in Air

Valve Outlet: CGA 510

LB CGA 170

Cylinder Size

Fill Weight (lbs)

1/2 Ton

490

LP30

117

LP15

60

LP05

23

LP01

6

49L/Size 300

50

44L/Size 200

45

16L/Size 80

16

7L/Size 35

7

Shipping Information:

DOT Name: Isobutane

Hazard Class: 2.1

DOT No.: UN1969

DOT Label: Flammable Gas

CAs No.: 75-28-5

