

ISOBUTANE (C₄H₁₀): A colorless, flammable liquefied gas

Purity:	Grade 2	Grade 2.5	Grade 3	Grade 3.5	Grade 4	Grade 4.5
Specifications:	99.0%	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.*

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

Technical Data:

Mol. Wt: 58.124
Sp. 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

Shipping Information:

DOT Name: Isobutane
Hazard Class: 2.1
DOT No.: UN 1969
DOT Label: Flammable Gas
CAS No.: 75-28-5