

R600A Isobutane (C₃H₁₀)

Isobutane is the simplest member of the isoalkane series of hydrocarbons. It is a colorless, easily liquefied flammable gas.

Purity Specifications	Grade 2.5 99.5%
Nitrogen	< 400 ppm
Oxygen	< 100 ppm
Other Hydrocarbons	< 4900 ppm
Moisture	< 5 ppm
Sulfur	< 1 ppm
Total Impurities	< 5000 ppm

Moisture level guaranteed only when AGT prepares the cylinders.
All concentrations are on a mol/mol basis unless otherwise stated.
This product is analyzed liquid phase.
Product sold on the basis of total impurities. Individual impurities may vary slightly.

Cylinder Size	Fill Weight (lbs)
Iso Container	Up to 26,655
1/2 Ton	490
LP30	117
LP15	60
LP05	23
LP01	6

Technical Data:

Boiling Point @ 1 atm 11.1°F
Critical Temperature 275°F
Vapor Pressure @ 70°F 31 psig
Flammability Limits 1.8 - 8.4% in air
Compatibility Non-corrosive
Valve Outlet CGA 510

Shipping Information:

DOT Name Isobutane
Hazard Class 2.1
DOT / UN Number UN 1969
DOT Label Flammable Gas
CAS Number 75-28-5