

## Isobutylene (iso-C<sub>4</sub>H<sub>8</sub>)

A colorless, flammable liquefied gas with a detectable odor.

Product Specifications	Minimum Purity	Other Hydrocarbons	H <sub>2</sub> O	Sulfur
Instrument	99.5%	≤ 4500	≤ 3	≤ 1
Chemically Pure (CP)	99.0%			

Concentrations given are ppm by volume.

PRODUCT	Ordering Information					Equipment Recommendations		
	Cylinder Size	Contents lbs	Standard Valve Outlet (CGA)	Product Number	Cylinder Pressure at 70°F (psig)	Description Product Number	Delivery Pressure Range (psig)	Page Number
Instrument	350 LP5	120 24	510 510	IY I350 IY ILP5	24 24	Single-Stage Regulators Y11-LC241 * 510	A = 0-25 B = 0-50	E16
	Individual or Batch Certificate of Analysis available upon request.							
Chemically Pure (CP)	350 LP5	120 24	510 510	IY CP350 IY CPLP5	24 24	* Insert Delivery Pressure Range Code		
	Individual or Batch Certificate of Analysis available upon request.							

Technical Data & Shipping Information	
Molecular Weight	56.1063
Specific Volume	6.90 cf/lb @70° F & 1 ATM
Flammability Limits in Air	1.8 - 9.6% in Air
U.S. DOT Name	Isobutylene
ID Number	UN 1055
U.S. DOT Hazard Class	2.1
U.S. DOT Label	Flammable Gas
CAS Registry	115-11-7

### Airgas Quality Policy

The purpose of the Airgas Quality System is to continually improve our manufacturing and related processes to provide our customers with the highest product purity, consistency, and service.