

# GAS INNOVATIONS

Specialty Gases

**ISOBUTYLENE, INSTRUMENT GRADE**

**TECHNICAL INFORMATION**

## ISOBUTYLENE

### INSTRUMENT PURITY

<b>Shipping Name:</b>	Isobutylene	<b>Formula:</b>	C <sub>4</sub> H <sub>8</sub>
<b>Hazard Class:</b>	2.1	<b>Molecular Weight:</b>	56.11
<b>UN No:</b>	1055	<b>CAS No:</b>	115-11-7
<b>Label:</b>	Flammable gas		

**General Description:** A colorless, flammable, liquefied gas, with a detectable odor.

#### GUARANTEED SPECS:

99.5 % +  
Sum of all impurities  
be < 0.50 %  
Sulfur < 0.50 PPM  
Water < 3 PPM

#### TYPICAL SPECS:

Isobutylene	99.88 % +
Butene-1	< 2 PPM
2-Butenes	800 PPM
1,3 Butadiene	< 10 PPM
n-Butane	< 10 PPM
Isobutane	934 PPM
Propane	206 PPM
Propylene	< 10 PPM
Sulfur	< 0.50 PPM

#### CYLINDER INFORMATION

CYL. SIZE	CYL. CONNECTION (CGA)	NET CONTENTS LBS.
LP 25	510	25
LP 126	510	126
1/2 Ton	510	530