



# iso-BUTANE i-C<sub>4</sub>H<sub>10</sub>

*Colorless, flammable, liquefied gas with a mildly aromatic odor.*

## SHIPPING INFORMATION

D.O.T. Proper Shipping Name: Isobutane  
 I.D. Number: UN1969  
 Hazard Class: 2.1  
 Shipping Labels: Flammable gas

## TECHNICAL INFORMATION

Molecular Weight: 58.124  
 Specific Volume: 6.5 ft<sup>3</sup>/lb.  
 CAS Registry: 75-28-5  
 Safety Data Sheet Reference: Isobutane

## PRODUCT GRADE SPECIFICATIONS

Grade Name	Grade	Minimum Purity	Grade Code	Catalog Number <sup>1</sup>	Maximum Impurity Specifications in PPM by Volume <sup>2</sup> (unless otherwise specified)
					Sum of all Impurities <sup>3</sup>
Research	4.0	99.99%	RES	SG IBRES-	< 100 PPM
Ultra High Purity	3.0	99.9%	UHP	SG IBUHP-	<1000 PPM
Instrument	2.5	99.5%	INS	SG IBINS-	< 0.5 %
UL Class, R600a Refrigerant	2.5	99.5%	ULC	SG IBULC-	< 0.5 %
Chemical Pure	2.0	99%	CP	SG IBCP-	< 1%

### Notes:

<sup>1</sup> Complete catalog number by selecting cylinder size code using chart below. Except for Disposables, "SG" will be replaced with "DSP".

<sup>2</sup> Liquid Phase Analysis. Specifications are typical results and are subject to change without notice.

<sup>3</sup> A complete list of impurities is available upon request.

## CYLINDER INFORMATION

Cylinder Size	Cylinder Size Code	Volume <sup>4</sup> lbs.	Pressure (PSIG) @ 70° F.	Valve Connection <sup>5</sup> CGA	Gross Weight (lbs.)
<b>Low Pressure Steel Cylinders</b>					
Jumbo	HTN	490	31	Dual 510 & 555	824
350	LP25	116	31	510 / 555	195
LP5	LP5	23	31	510 / 555	4
<b>Disposable Non-Refillable Cylinders</b>					
Lecture Bottle	LB*	0.375	31	*170	5

### Notes:

<sup>4</sup> This product is sold by the cylinder. Fill volumes are approximate and may vary slightly depending on the cylinder manufacturer's specifications.

<sup>5</sup> Siphon tube with a CGA 555 for liquid withdrawal is available upon request. Add "S" at end of cylinder size code.

*Contact your WestAir representative about equipment recommendations for this product.*