



iso-BUTANE $i\text{-C}_4\text{H}_{10}$

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 ft³/lb.
CAS Registry: 75-28-5
Safety Data Sheet Reference: Isobutane

PRODUCT GRADE SPECIFICATIONS

Grade Name	Grade	Minimum Purity	Grade Code	Catalog Number ¹	Maximum Impurity Specifications in PPM by Volume ² (unless otherwise specified)
					Sum of all Impurities ³
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:

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

² Liquid Phase Analysis. Specifications are typical results and are subject to change without notice.

³ A complete list of impurities is available upon request.

CYLINDER INFORMATION

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

Notes:

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

⁵ 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.