



ETHANE C₂H₆

Colorless, odorless, flammable liquefied gas.

SHIPPING INFORMATION

D.O.T. Proper Shipping Name: Ethane
 I.D. Number: UN1035
 Hazard Class: 2.1
 Shipping Labels: Flammable gas

TECHNICAL INFORMATION

Molecular Weight: 30.07
 Specific Volume: 12.8 ft³/lb.
 CAS Registry: 74-84-0
 Safety Data Sheet Reference: Ethane

PRODUCT GRADE SPECIFICATIONS

Grade Name	Grade	Minimum Purity	Grade Code	Catalog Number ¹	Maximum Impurity Specifications in PPM by Volume (unless otherwise specified) ²
					MAXIMUM TOTAL IMPURITIES ³
Electronic Process	5.5	99.9995%	EP	SG ETEP-	< 5
Research	5.0	99.999%	RES	SG ETRES-	< 10
Ultra High Purity	4.0	99.99%	UHP	SG ETUHP-	<100
Polymer Plus	3.0	99.9%	PP	SG ETPP-	< 0.05%
Instrument	2.5	99.5%	INS	SG ETINS-	< 0.5%
Chemically Pure	2.0	99%	CP	SG ETCP-	< 1%

Notes:

¹ Complete the 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 Product sold on the basis of total impurities. Individual impurities may vary slightly.

CYLINDER INFORMATION

Cylinder Size	Cylinder Size Code	Volume ⁴ Lbs.	Pressure (PSIG) ⁵ @ 70° F.	Valve Connection CGA	Gross Weight (lbs.)
High Pressure Carbon Steel Cylinders					
300	T	37	543	350	206
200	K	32	543	350	183
80	Q	12	543	350	83
35	G	5	543	350	38
Disposable Non-Refillable Cylinders					
Lecture Bottle	LB*	227 grams	543	*170 or 350	4

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 Ethane is shipped as a liquefied gas at its vapor pressure of 543 psig @ 70 degrees Fahrenheit. Ethane may also be offered as a cryogenic refrigerant liquid at -128 degrees Fahrenheit. Please ask your WestAir representative for more information.

Contact your WestAir representative about equipment recommendations for this product.