



ETHYLENE (C₂H₄) CGA-350

A colorless, flammable compressed gas with a slightly sweet odor.

Toxicity: Simple asphyxiant and weak anesthetic at high concentration.

Fire Potential: Flammable

Flammable Limits: 2.7-36%

Compatible Materials: Non-corrosive; most common structural materials can be used.

Molecular Weight: 28.05

Specific Volume at 70°F and 1 atm: 13.71 ft³/lb

DOT Hazard Class: Flammable Gas (2.1)

DOT Label: Flammable Gas

DOT ID No.: UN 1962

CAS No.: 75-85-1

*Batch Analysis or individual Certificate of Analysis Available at additional nominal charge.

ETHYLENE, Research Grade 4.0				Minimum Purity 99.99%	
Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)	
035	04112035S	5 lbs.	1200 P.S.I.	O ₂ < 5	N ₂ < 30
244	04110244S	30 lbs.	1200 P.S.I.	Ethane < 40	CO ₂ < 15
				CH ₄ < 10	CO < 1
				H ₂ O < 5	Acetylene < 2

ETHYLENE, Ultra High Purity Grade 3.0				Minimum Purity 99.9%	
Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)	
035	04112035S	5 lbs.	1200 P.S.I.	O ₂ < 10	H ₂ O < 5
244	04110244S	30 lbs.	1200 P.S.I.	CH ₄ < 50	

ETHYLENE, Chemically Pure Grade 2.5				Minimum Purity 99.5%	
Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)	
035	04112035S	5 lbs.	1200 P.S.I.	H ₂ O < 20	
244	04110244S	30 lbs.	1200 P.S.I.		

ETHYLENE REGULATOR-BRASS DUAL STAGE

Product Code	Brand	Style	Delivery Pressure P.S.I.	Description
05390148C	Western	LM	0-15, 0-45 Low Fl.	General Purpose Lab. Gases
05390148C	Western	LMSS	0-45, 0-100, 0-150	High Purity Instrument Application

To place an order, call 860-278-2376