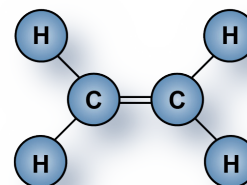




Ethylene (C₂H₄)

A flammable, colorless gas with a characteristic sweet odor.



Purity:	Grade 2.5	Grade 3	Grade 3.5	Grade 4	Grade 4.5	Grade 5	Grade 5.5
Specifications:	99.5%	99.9%	99.95%	99.99%	99.995%	99.999%	99.9995%
Nitrogen	<100 ppmv	<100 ppmv	<50 ppmv	<5 ppmv	<5 ppmv	<2 ppmv	<1 ppmv
Oxygen	<25 ppmv	<20 ppmv	<10 ppmv	<2 ppmv	<2 ppmv	<2 ppmv	<1 ppmv
Carbon Dioxide	<15 ppmv	<10 ppmv	<10 ppmv	<5 ppmv	<5 ppmv	<2 ppmv	<1 ppmv
Carbon Monoxide	<5 ppmv	<3 ppmv		<2 ppmv	<2 ppmv	<2 ppmv	<1 ppmv
Other Hydrocarbons	<4000 ppmv	<800 ppmv	<400 ppmv	<80 ppmv	<40 ppmv	<8 ppmv	<4 ppmv
Acetylene	<10 ppmv	<8 ppmv	<6 ppmv	<4 ppmv	<4 ppmv	<2 ppmv	<1 ppmv
Moisture	<5 ppmv	<5 ppmv	<5 ppmv	<5 ppmv	<5 ppmv	<3 ppmv	<1 ppmv
Total Impurities	<5000 ppmv	<1000 ppmv	<500 ppmv	<100 ppmv	<50 ppmv	<10 ppmv	<5 ppmv

Cylinder Size

Fill Weight (lbs)

49 37

44 30

16 11

7 4

Technical Data:

Mol. Wt: 28.054

Specific Volume: 13.8 cu. ft/lb

Flammability Limits: 2.7-36.0% in Air

Valve Outlet: CGA 250

LB CGA 170

Shipping Information:

DOT Name: Ethylene, Compressed

Hazard Class: 2.1

DOT No.: UN1962

DOT Label: Flammable Gas

CAs No.: 74-85-1