

Ethylene C_2H_4

Technical Data

Molecular Weight	28.05
Boiling Point	- 154.7° F
Specific Volume	13.8 cf/lb
Critical Temperature	49.8° F
Critical Pressure	742 psia

Safety Data

Flammable Limits	3.1- 42% in Air
Toxicity	Simple asphyxiant
Compatibility	Noncorrosive

Shipping Data

DOT Name	Ethylene
Hazard Class	2.1
ID No.	UN1962
DOT Label	Flammable Gas
CAS. No.	74-85-1

Research

Specifications: Min. purity 99.999%

Product Code	Cylinder Size	Contents lbs.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator		
					Type	Series	Page
LW961W	K	30	1250	350	Two-stage	Model 600	122
LW961T	G	5	1250	350	Single-stage	Model 600	121
LW961R	LB	0.3	1250	350	Lecture Bottle	Model 400	133

C.P.

Specifications: Min. purity 99.5%

Product Code	Cylinder Size	Contents lbs.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator		
					Type	Series	Page
LW961	K	30	1250	350	Two-stage	Model 600	122
LW961G	G	5	1250	350	Single-stage	Model 600	121
LW961L	LB	0.3	1250	180	Lecture Bottle	Model 400	133



LINWELD's Specialty Gas Laboratory

Gases are tested and certified to assure our guarantee of a perfect cylinder **every time**.

