

UN1962 Ethylene, Compressed UN1038 Ethylene, Refrigerated Liquid

A colorless, flammable gas with a faint odor that is sweet and musty. Ethylene is compressed to high pressure, but may also be present as a liquid depending on cylinder pressure and ambient temperature. Ethylene may also be shipped as a cryogenic liquid at -154.8F.

Product & Packaging Information

Purity	Cylinder Size	Contents	Cylinder Pressure 70F	Standard Valve Outlet (CGA)
CP 99.0%	300	37 lb	1200	350
	200	32 lb	1200	350
Polymer 99.5%	300	37 lb	1200	350
	200	32 lb	1200	350
3.5 99.95%	300	37 lb	1200	350
	200	32 lb	1200	350

Product Data

Molecular Weight	28.05
Specific Volume	13.7 cf / lb @ 70F
Compressed Density @ 1 atm and 70F	0.0725 lb/ft ³
Density at boiling point	4.71 lb / gal @-154.8F
Flammability in Air	2.7-36% in Air
U.S. D.O.T. Hazard Class	2.1
U.S. D.O.T. Label	Flammable Gas
Refrigerant Number	R-1150

