

▶ (C₂H₄) Ethylene

A colorless, flammable gas with characteristic sweet odor.

Product Code	Grade/Purity	Impurities (PPM)	Cylinder Size	Gas Content (Kg)	Cylinder Pressure (psi)
	Research Grade 99.999 %	H ₂ O < 3 ppm O ₂ < 2 ppm N ₂ < 2 ppm Ethane < 5 ppm Other HC < 5 ppm CO ₂ < 2 ppm	"B50"	18	1200
	High Purity Grade 99.95 %	H ₂ O < 5 ppm O ₂ < 2 ppm N ₂ < 5 ppm Ethane < 20 ppm Other HC < 20 ppm CO ₂ < 5 ppm	"K"	14	
	High Purity Grade 99.95 %	H ₂ O < 05 ppm O ₂ < 10 ppm N ₂ < 50 ppm Ethane < 200 ppm Other HC < 200 ppm CO ₂ < 10 ppm	"B10"	03	
	CP Grade 99.5 %	H ₂ O < 5 ppm O ₂ < 25 ppm N ₂ < 100 ppm Ethane < 1000ppm Other HC < 1000 ppm CO ₂ < 15 ppm			

Technical Information:

Molecular Weight : 28.05

Specific Volume : 13.8 CF/lb at 70° F

Flammable Limit : 2.7 to 36 % in Air

CGA valve : 350

Dot Label : Flammable Gas

Dot Class : 2.1

UN # : UN 1962