

cis-2-Butene (cis-2-C₄H₈)

A colorless, flammable, liquefied gas with a slightly aromatic odor.

Product Specifications	Minimum Purity
Chemically Pure (CP)	99.0%

PRODUCT	Ordering Information					Equipment Recommendations		
	Cylinder Size	Contents lbs	Standard Valve Outlet (CGA)	Product Number	Cylinder Pressure at 70°F (psig)	Description Product Number	Delivery Pressure Range (psig)	Page Number
Chemically Pure (CP)	LP5	24	510	T2 CPLP5	15.2	Single-Stage Regulator Y11-LC241A510	0-25	E16
	Certificate of Conformance available upon request.							

trans-2-Butene (trans-2-C₄H₈)

A flammable, colorless, noncorrosive and nontoxic liquefied gas.

Product Specifications	Minimum Purity
Chemically Pure (CP)	99.0%

PRODUCT	Ordering Information					Equipment Recommendations		
	Cylinder Size	Contents lbs	Standard Valve Outlet (CGA)	Product Number	Cylinder Pressure at 70°F (psig)	Description Product Number	Delivery Pressure Range (psig)	Page Number
Chemically Pure (CP)	LP5	24	510	TT CPLP5	12.7	Single-Stage Regulator Y11-LC241A510	0-25	E16
	Certificate of Conformance available upon request.							

Technical Data & Shipping Information	
Molecular Weight	56.1063
Specific Volume	6.90 cf/lb @70° F & 1 ATM
Flammability Limits in Air	
cis-2-Butene	1.7 - 9% in Air
trans-2-Butene	1.6 - 9.7% in Air
U.S. DOT Name	Butylene
ID Number	UN 1012
U.S. DOT Hazard Class	2.1
U.S. DOT Label	Flammable Gas
CAS Registry	
cis-2-Butene	590-18-1
trans-2-Butene	624-64-6