

**cis-2-Butene****Description**

Synonym: (Z)-2-Butene
 Formula: C₄H₈

Gas Data

Molecular Weight: 56.11
 Density: 2.4034 kg/m³ @ 21.1°C, 101.325 kPa
 0.15004 lb/ft³ @ 70°F, 14.696 psia
 Specific Volume: 0.41608 m³/kg @ 21.1°C, 101.325 kPa
 6.6649 ft³/lb @ 70°F, 14.696 psia

Safety Information

LFL in Air: 1.7%
 UFL in Air: 9%

Shipping Information

CAS Registry Number: 590-18-1
 UN Number: UN 1012
 ECCN Number: 1C982
 DOT Proper Shipping Name: Butylene
 DOT Classification: 2.1 (Flammable Gas)
 DOT Label: FLAMMABLE GAS
 TC Shipping Name: Butylene
 TC Classification: 2.1
 TC Label: FLAMMABLE GAS

Cylinder Specifications

Cylinder Size	Valve Outlet CGA No.	Pressure		Approximate Ship Weight	
		psig @ 70°F	kPa @ 21.1°C	lb	kg
1F	510	13	87	205	93
2L	510	13	87	98	44
3L	510	13	87	47	21
LB	170	13	87	6	3

Gas Grade Purity Specifications	Product Code	Cylinder Size	Content		Equipment Recommendations	Model No.	Page No.
			US	Metric			
cis-2-Butene, Technical Purity 95%	G1328106	1F	135 lb	61.23 kg	Single Stage Reg.	Series 3530-510**	313
	G1328145	2L	17 lb	7.71 kg	Single Stage Reg.	Series 18-510**	292
	G1328156	3L	7 lb	3.18 kg	Tee Purge	4753-510	423
	G1328175	LB	0.375 lb	170 gm	LB Regulator	Series 3550-170**	314
					LB Reg-Economy	Series 3320***	302
					Personal Monitor	IQ250	398
					Outlet Plug Wrench	TW-4*	430

Liquid phase, weight/weight%

A Certificate of Conformance will be provided on request.

A lot analysis is available at a nominal charge.

By request, all except LB can be furnished with full length eductor tubes for liquid withdrawal.

*Except LB

**Regulators for gas phase only