



## Trans-2-butene (C<sub>4</sub>H<sub>8</sub>)

### Specifications

	GRADE 2
Purity	99.0%
Other Hydrocarbons	< 1%
Sulfur	< 1 ppmv
Moisture	< 5 ppmv
Total Impurities	< 1%

*Note: Moisture level guaranteed only when EFC Gases & Advanced Materials prepares the cylinders. All concentrations are on a mol/mol basis unless otherwise stated.*

### Cylinder Sizes

SIZE	FILL WEIGHT (LB)
1/2 Ton	540
LP30	128
LP15	77
LP05	25
LP01	6
49L/Size 300	55
44L/Size 200	50
16L/Size 80	18
7L/Size 35	8

### Technical Data

Molecular Weight: 56.11 g/mol  
Specific Volume: 7.6 cu.ft/lb  
Pressure @ 70°F: 15 psig  
Flammability Limits: 1.6-9.7% in Air  
Valve Outlet: CGA 510 LB CGA 170

### Shipping Information

DOT Name: Butylene  
Hazard Class: 2.1  
DOT Number: UN 1012  
DOT Label: Flammable Gas  
CAS Number: 624-64-6