

Propylene

Description

Synonym: Propene
Formula: C_3H_6

Gas Data

Molecular Weight: 42.08
Density: 1.7692 kg/m³ @ 21.1°C, 101.325 kPa
0.11045 lbs/ft³ @ 70°F, 14.696 psia
Specific Volume: 0.56523 kg/m³ @ 21.1°C, 101.325 kPa
9.0539 lbs/ft³ @ 70°F, 14.696 psia

Safety Information

LFL in Air: 2%
UFL in Air: 11%

Shipping Information

CAS Registry Number: 115-07-1
UN Number: UN 1077
ECCN Number: 1C982
DOT Proper Shipping Name: Propylene
DOT Classification: 2.1 (Flammable Gas)
DOT Label: FLAMMABLE GAS
TC Shipping Name: Propylene
TC Classification: 2.1
TC Label: FLAMMABLE GAS

Cylinder Specifications

Cylinder Size	Content Liquid Density		Valve Outlet CGA No.
	US	Metric	
100	429 ft ³	12.1 m ³	510
60	257 ft ³	7.3 m ³	510
30	129 ft ³	3.6 m ³	510
7.5	32 ft ³	0.9 m ³	510
5	21 ft ³	0.6 m ³	510



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