

Propane

Description

Formula: C_3H_8

Gas Data

Molecular Weight: 44.10

Density: 1.8580 kg/m³ @ 21.1°C, 101.325 kPa
0.11599 lb/ft³ @ 70°F, 14.696 psia

Specific Volume: 0.53821 m³/kg @ 21.1°C, 101.325 kPa
8.6214 ft³/lb @ 70°F, 14.696 psia

Safety Information

LFL in Air: 2.1%

UFL in Air: 9.5%

Shipping Information

CAS Registry Number: 74-98-6

UN Number: UN 1978

ECCN Number: 1C982

DOT Proper Shipping Name: Propane

DOT Classification: 2.1 (Flammable Gas)

DOT Label: FLAMMABLE GAS

TC Shipping Name: Propane

TC Classification: 2.1

TC Label: FLAMMABLE GAS

Cylinder Specifications

Cylinder Size	Content		Valve Outlet CGA No.
	US	Metric	
100	862.9 ft ³	23 m ³	510
33	284.7 ft ³	7 m ³	510
20	8.629 ft ³	5 m ³	510

Our packaging of gases includes a complete range of cylinder sizes, cylinder cradles (6 and 12 packs), tube trailers, microbulk and bulk. We can handle virtually any size requirement, for customers using 1 or 2 cylinders per year, to customers using millions of cubic feet of product monthly.