



Hexafluoropropylene

Description

Synonym: Perfluoropropene
Formula: C₃F₆

Gas Data

Molecular Weight: 150.02
Density: 6.24 kg/m³ @ 20°C, 101.325 kPa
0.388 lb/ft³ @ 68°F, 14.696 psia
Specific Volume: 0.161 m³/kg @ 21.1°C, 101.325 kPa
2.58 ft³/lb @ 70°F, 14.696 psia

Shipping Information

CAS Registry Number: 116-15-4
UN Number: UN 1858
ECCN Number: EAR99
DOT Proper Shipping Name: Hexafluoropropylene, Compressed
DOT Classification: 2.2 (Nonflammable Gas)
DOT Label: NON-FLAMMABLE GAS
TC Shipping Name: Hexafluoropropylene, Compressed
TC Classification: 2.2
TC Label: NON-FLAMMABLE GAS,
NON-POISONOUS GAS

Cylinder Specifications

Cylinder Size	Valve Outlet CGA No.	Pressure psig @ 70°F	Pressure kPa @ 21.1°C	Approximate Ship Weight	
				lb	kg
1J	660	85	586	185	84
2L	660	85	586	104	47
3L	660	85	586	53	24
4	660	85	586	27	12
LB	170	85	586	6	3

Gas Grade Purity Specifications	Product Code	Cylinder Size	Content		Equipment Recommendations	Model No.	Page No.
			US	Metric			
Hexafluoropropylene CP 99.8%	G1466610	1J	125 lb	56.70 kg	Single Stage Reg. LB Regulator	Series 3530-660 Series 3550-170	313 314
	G1466645	2L	30 lb	13.61 kg			
	G1466656	3L	14 lb	6.35 kg			
	G1466665	4	5 lb	2.27 kg			
	G1466675	LB	1 lb	454 gm			

Liquid phase, weight/weight%

A Certificate of Conformance will be provided on request.