



Xenon

Description

Formula: Xe

Gas Data

Molecular Weight: 131.29
 Density: 5.472 kg/m³ @ 21.1°C, 101.325 kPa
 0.3416 lb/ft³ @ 70°F, 14.696 psia
 Specific Volume: 0.1827 m³/kg @ 21.1°C, 101.325 kPa
 2.927 ft³/lb @ 70°F, 14.696 psia

Shipping Information

CAS Registry Number: 7440-63-3
 UN Number: UN 2036
 ECCN Number: EAR99
 DOT Proper Shipping Name: Xenon, Compressed
 DOT Classification: 2.2 (Nonflammable Gas)
 DOT Label: NON-FLAMMABLE GAS
 TC Shipping Name: Xenon, 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
1A	580	varies	varies	varies	varies
2	580	varies	varies	varies	varies
3	580	varies	varies	varies	varies
4	580	varies	varies	varies	varies
6	580	800	5,516	20	9
6B	580	600	4,137	20	9
7B	580	600	4,137	6	3
7A	580	415	2,861	6	3
7	580	215	1,482	6	3

Gas Grade Purity Specifications	Product Code	Cylinder Size	Content US	Content Metric	Equipment Recommendations	Model No.	Page No.
Xenon, Research Purity 99.999%	G2191101	1A	177 ft ³	5000 L	Dual Stage Reg.	Series 3810-580	318
<i>Guaranteed Specifications</i>	G2191140	2	35 ft ³	1000 L	Single Stage Reg.	Series 3510-580	312
Argon < 1 ppm	G2191150	3	17.5 ft ³	500 L	LB Regulator	Series 3570-170	314
Carbon Dioxide < 0.1 ppm	G2191165	4	8.83 ft ³	250 L	Low Dead Volume Reg.	3590A-580	315
Carbon Monoxide < 0.1 ppm	G2191186	7	0.88 ft ³	25 L	Cross Purge	4774-580	422
Hydrogen < 1 ppm					Leak Detector	8066	406
Krypton < 2 ppm					Outlet Plug Wrench	TW-4	430
Methane < 0.1 ppm							
Nitrogen < 3 ppm							
Oxygen < 1 ppm							
Water < 2 ppm							

A Certificate of Analysis will be provided with each cylinder at a nominal charge.

⚠ WARNING: This product can expose you to chemicals including Carbon Monoxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.