



Krypton

Description

Formula Kr

Gas Data

Molecular Weight: 83.80
 Density: 3.479 kg/m³ @ 21.1°C, 101.325 kPa
 0.2172 lb/ft³ @ 70°F, 14.696 psia
 Specific Volume: 0.2874 m³/kg @ 21.1°C, 101.325 kPa
 4.604 ft³/lb @ 70°F, 14.696 psia

Shipping Information

CAS Registry Number: 7439-90-9
 UN Number: UN 1056
 ECCN Number: EAR99
 DOT Proper Shipping Name: Krypton, Compressed
 DOT Classification: 2.2 (Nonflammable Gas)
 DOT Label: NON-FLAMMABLE GAS
 TC Shipping Name: Krypton, Compressed
 TC Classification: 2.2
 TC Label: NON-FLAMMABLE GAS,
 NON-POISONOUS GAS

Cylinder Specifications

Cylinder Size	Valve Outlet CGA No.	Pressure		Approximate Ship Weight	
		psig @ 70°F	kPa @ 21.1°C	lb	kg
1A	580	1,335	9,204	162	73
2	580	1,335	9,204	Varies	Varies
3	580	1,335	9,204	Varies	Varies
4	580	1,335	9,204	Varies	Varies
6	580	1,260	8,687	20	9
7A	580	725	4,999	6	3

Gas Grade Purity Specifications

Krypton, Research Purity 99.999%
Guaranteed Analysis

Argon	<	5 ppm
Carbon Dioxide	<	1 ppm
Carbon Monoxide	<	1 ppm
Hydrogen	<	2 ppm
Nitrogen	<	3 ppm
Oxygen	<	1 ppm
THC	<	0.2 ppm
Water	<	1 ppm
Xenon	<	5 ppm

Product Code	Cylinder Size	Content US	Content Metric
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G2155101	1A	177 ft ³	5000 L
G2155140	2	71 ft ³	2000 L
G2155150	3	36 ft ³	1000 L
G2155165	4	7.1 ft ³	200 L
G2155178	6	3.53 ft ³	100 L
G2155182	7A	0.88 ft ³	25 L

Equipment Recommendations	Model No.	Page No.
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Dual Stage Reg.	Series 3810-580	318
Single Stage Reg.	Series 3510-580	312
LB Regulator	Series 3570-170	314
Low Dead Volume Reg.	3590A-580	315
Cross Purge	4774-580	422
Outlet Plug Wrench	TW-4	430

*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.