



# Krypton

## Description

Formula Kr

## Gas Data

Molecular Weight: 83.80  
 Density: 3.479 kg/m<sup>3</sup> @ 21.1°C, 101.325 kPa  
 0.2172 lb/ft<sup>3</sup> @ 70°F, 14.696 psia  
 Specific Volume: 0.2874 m<sup>3</sup>/kg @ 21.1°C, 101.325 kPa  
 4.604 ft<sup>3</sup>/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 psig @ 70°F	Pressure kPa @ 21.1°C	Approximate Ship Weight	
				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

Gas Grade Purity Specifications			Product Code	Cylinder Size	Content US	Content Metric
<b>Krypton, Research Purity 99.999%</b>			G2155101	1A	177 ft <sup>3</sup>	5000 L
<i>Guaranteed Analysis</i>			G2155140	2	71 ft <sup>3</sup>	2000 L
Argon	<	5 ppm	G2155150	3	36 ft <sup>3</sup>	1000 L
Carbon Dioxide	<	1 ppm	G2155165	4	7.1 ft <sup>3</sup>	200 L
Carbon Monoxide	<	1 ppm	G2155178	6	3.53 ft <sup>3</sup>	100 L
Hydrogen	<	2 ppm	G2155182	7A	0.88 ft <sup>3</sup>	25 L
Nitrogen	<	3 ppm				
Oxygen	<	1 ppm				
THC	<	0.2 ppm				
Water	<	1 ppm				
Xenon	<	5 ppm				

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G2155182	7A	0.88 ft <sup>3</sup>	25 L

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

\*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](http://www.P65Warnings.ca.gov).