

# Krypton Kr

## Technical Data

Molecular Weight	83.80
Boiling Point	- 244.0° F
Specific Volume	4.6 cf/lb
Critical Temperature	- 82.8° F
Critical Pressure	798 psia

## Safety Data

Flammable Limits	Nonflammable
Toxicity	Simple asphyxiant
Compatibility	Noncorrosive

## Shipping Data

DOT Name	Krypton, Compressed
Hazard Class	2.2
ID No.	UN1056
DOT Label	Nonflammable Gas
CAS. No.	7439-90-9

## Research Grade

**Specifications:** Min. purity 99.999%  
 Xe < 8.0 ppm      CH<sub>4</sub> < 1.0 ppm  
 N<sub>2</sub> < 1.0 ppm      H<sub>2</sub>O < 1.0 ppm  
 O<sub>2</sub> < 1.0 ppm      CF<sub>4</sub> < 1.0 ppm

Product Code	Cylinder Size	Contents liters*	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Page
LW899T	T	8500	1900	580	Two-stage	Model 600	122
LW899K	K	5000	1400	580	Single-stage	Model 600	121
LW899Q	Q	1000	730	580			
LW899G	G	500	870	580			
LW899E	6	100	850	580			
LW899A	LB	50	1350	580			
LW899B	LB	25	740	580			

## Window Grade

**Specifications:** Min. purity 99.9%  
 Ideal for gas filling of insulated glass units.

Product Code	Cylinder Size	Contents liters*	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Page
LW899W	T	8500	1900	580	Two-stage	Model 600	122
					Single-stage	Model 600	121

\*The listed contents are approximate. Krypton will be priced on a per liter basis.