Krypton (Kr)

A colorless, odorless, inert gas.

Product Specifications	Minimum Purity	O_2	H_2O	THC	CO	CO_2	N_2	Xe	CF_4
Research Plus	99.999%	≤ 1	≤ 1	≤ 1	≤ 0.5	≤ 0.5	≤ 3	≤ 5	≤ 0.5
Research	99.995%	≤ 2	≤ 1	≤ 1	≤ 1	≤ 0.5	≤ 15	≤ 20	
Window	99.9%		≤ 20						

Concentrations given are ppm by volume unless otherwise specified.

PRODUCT	Ordering Information					Equipment Recommendations		
	Cylinder Size	Contents liters	Standard Valve Outlet (CGA)	Product Number	Cylinder Pressure at 70°F (psig)	Description Product Number	Delivery Pressure Range (psig)	Page Number
Research Plus	300 200 80	9,000 5,000 1,000	580 580 580	KR RP3009000LT KR RP2005000LT KR RP801000LT	2,085 1,400 880	**Two-Stage Regulators** Y12-N245 * 580 Y12-244 * 580 **Single-Stage Regulators** Y11-N245 * 580 Y11-244 * 580	**A = 0-25** **B = 0-50** **D = 0-100**	**E21** **E12** **E20** **E11**
	Certificate of Analysis is included.							
Research	300 200 80 9A LB	10,000 5,000 2,500 250 50	580 580 580 580 580	KR RP30010000LT KR RP2005000LT KR RP825000LT KR RP9A250LT KR RLB50LT	2,285 1,400 1,900 1,200 1,400			
	Certificate of Analysis is included.							
Window	300	7,500	580	KR W3007500LT	1,800			
	Individual or Batch Certificate of Analysis available upon request.					* Insert Delivery Pressure Range Code		

Technical Data & Shipping Information	
Molecular Weight	83.798
Specific Volume	4.62 cf/lb @70° F & 1 ATM
Flammability Limits in Air	Nonflammable
U.S. DOT Name	Krypton, Compressed
ID Number	UN 1056
U.S. DOT Hazard Class	2.2
U.S. DOT Label	Nonflammable Gas
CAS Registry	7439-90-0

Airgas Quality Policy

The purpose of the Airgas Quality System is to continually improve our manufacturing and related processes to provide our customers with the highest product purity, consistency, and service.