

Krypton (Kr)

A colorless, odorless, inert gas.

Purity Specifications	Minimum Purity	O ₂	H ₂ O	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%		< 10						< 40

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	9,000	580	KR RP300LT	1,900	Two-Stage Regulators Y12-D244 * 580 Y12-244 * 580	A = 0-25 B = 0-50 D = 0-100	E11
	200	5,000	580	KR RP200LT	1,400			
	80	1,000	580	KR RP80LT	730			
	Individual certificate of analysis is included. Certificate of Conformance provided upon request.							
Research	300	10,000	580	KR RP300LT	2,200	Single-Stage Regulators Y11-D244 * 580 Y11-244 * 580	A = 0-25 B = 0-50 D = 0-100	E10
	200	5,000	580	KR RP200LT	1,350			
	80	2,500	580	KR RP80LT	1,700			
	9A	250	580	KR RP9ALT	1,700			
	LB	50	580	KRRPLB50	1,300			
	An individual or batch analysis is available upon request at a nominal charge. Certificate of Conformance provided upon request.							
Window	300	7,500	580	KR W300LT				
	An individual or batch analysis is available upon request at a nominal charge. Certificate of Conformance provided upon request.							

* Insert Delivery Pressure Range Code

Technical Data & Shipping Information

Molecular Weight	83.80
Specific Volume	4.6 cf/lb @70° F
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