

Krypton Kr

Physical Constants of Gas

Molecular Weight 83.80
 Specific Volume 4.61 CF/lb. (0.29 m³/kg)
 Boiling Point -244°F (-153.3°C) 1 atm
 Gas Density 70°F 1 atm 3.48 kg/m³

Cylinder Data

CGA Valve Outlet 580, 718
 SCOTTY™ Valve Outlet 180

Shipping Data

Shipping Class 70
 DOT/TC Name Krypton, Compressed
 DOT Class 2.2 (Nonflammable Gas)
 TC Class 2.2 (Nontoxic, Nonflammable Gas)
 WHMIS Class A
 DOT Label Nonflammable Gas
 CAS Registry No. 7439-90-9
 UN No./ATA No. UN1056

Safety Information

Krypton is an inert gas that does not support life.
 Can cause rapid suffocation.

Specifications									Recommended Equipment		
Grade	Purity (Minimum)	Size	Contents		Pressure		Weight		Description Model Number	Page	
			CF	m ³	psig	bar	lbs.	kg			
Research Plus	99.999%	49	360	10	1819	125	78	36	Two-Stage Regulator Q1-318B-580	270	
		30AL	180	5	2050	141	39	18			
		16AL	36	1	940	64	8	4	Single-Stage Regulator Q1-226-180*	275	
		7AL	18	0.5	1238	85	4	2			
		110	4	0.1	1800	124	0.9	0.4	299		
		H ₂ < 1 ppm									
		H ₂ O < 1 ppm									
		N ₂ < 2 ppm									
		O ₂ < 1 ppm									
		THC < 0.5 ppm									
Xe < 5 ppm											
Total Impurities < 10 ppm											
Insulated Glass	99%	49	360	10	1819	125	78	36	Two-Stage Regulator Q1-318B-580	270	
		30AL	180	5	2050	141	39	18			
		16AL	36	1	940	64	8	4	Single-Stage Regulator Q1-226-180*	275	
		7AL	18	0.5	1238	85	4	2			
		110	4	0.1	1800	124	0.9	0.4	299		
O ₂ + N ₂ + H ₂ O + Xe ≤ 1%											

* For SCOTTY 110 cylinder.

Please note: Subject to availability – contact your Air Liquide representative for more information.

Most SCOTT™ gas handling and distribution equipment is available for same-day shipping.