

## Xenon (Xe)

A colorless, odorless, nonflammable, inert gas.

Product Specifications	Minimum Purity	O <sub>2</sub>	H <sub>2</sub> O	THC	CO	CO <sub>2</sub>	N <sub>2</sub>	Kr	Ar	H <sub>2</sub>	Total Halo-carbons
Propulsion	99.9995%	≤ 0.2	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1	≤ 1	≤ 2	≤ 1	≤ 1	≤ 0.1
Research Plus	99.999%	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 3	≤ 5			
Research	99.995%	≤ 1	≤ 1	≤ 1	≤ 1	≤ 1	≤ 5	≤ 25			

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			
Propulsion	80A	2,500	580	XE PL80A2500LT	900	<b>Two-Stage Regulator</b> Y12-N245 * 580  <b>Single-Stage Regulator</b> Y11-N245 * 580	<b>A = 0-25</b> <b>B = 0-50</b> <b>D = 0-100</b> <b>E = 0-150</b>	E21			
	33A	1,000	580	XE PL33A1000LT	900						
6A	100	580	XE PL6A100LT	855							
LB	50	580	XE PLLB50LT	845							
LB	25	580	XE PLLB25LT	610							
Certificate of Analysis included.											
Research Plus	80A	2,000	580	XE RP80A2000LT	900						E20
	33A	1,000	580	XE RP33A1000LT	900						
	9A	250	580	XE RP9A250LT	790						
	LB	25	580	XE RPLB25LT	845						
	Certificate of Analysis included.										
Research	200	5,000	580	XE R2005000LT	900						
	80	500	580	XE R80500LT	900						
	9A	250	580	XE R9A250LT	790						
	LB	50	580	XE RLB50LT	845						
	Certificate of Analysis included.										

\* Insert Delivery Pressure Range Code

Technical Data & Shipping Information	
Molecular Weight	131.293
Specific Volume	2.95 cf/lb @70° F & 1 ATM
Flammability Limits in Air	Nonflammable
U.S. DOT Name	Xenon, Compressed
ID Number	UN 2036
U.S. DOT Hazard Class	2.2
U.S. DOT Label	Nonflammable Gas
CAS Registry	7440-63-3

### 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.