



NEON

Ne

Colorless, odorless, nonflammable inert gas.

SHIPPING INFORMATION

D.O.T. Proper Shipping Name: Neon, compressed
 I.D. Number: UN1065
 Hazard Class: 2.2
 Shipping Labels: Nonflammable Gas

TECHNICAL INFORMATION

Molecular Weight: 20.183
 Specific Volume: 19.21 ft³/lb.
 CAS Registry: 7440-01-9
 Safety Data Sheet Reference: NEON

PRODUCT GRADE SPECIFICATIONS

Grade Name	Grade	Minimum Purity	Grade Code	Catalog Number ¹	Maximum Impurity Specifications in PPM by Volume ² (unless otherwise specified)
					Sum of all Impurities ³
Research	5.0	99.999%	RES	SG NERES-	< 10 PPM

Notes:

¹ Complete the catalog number by selecting cylinder size code using chart below. Except for Disposables, "SG" will be replaced with "DSP".

² All specifications refer to "Typical Analysis" of the usual product composition and should not be interpreted as the individual component specifications. Guarantee is for Total Purity.

³ Specifications are typical results and are subject to change without notice. A complete list of impurities is available upon request.

CYLINDER INFORMATION

Cylinder Size	Cylinder Size Code	Volume Liters	Approximate Pressure (PSIG) ⁶ @ 70° F.	Valve Connection CGA or DISS	Gross Weight (lbs.)
High Pressure Steel Cylinders					
300 ⁴	T	7,500	2371	580 or 178	275
200 ⁴	K	5,000	1745	580 or 178	242
80 ⁵	Q	1,500	1545	580 or 178	95
35 ⁵	G	500	700	580 or 178	39
Disposable Non-Refillable Cylinders⁵					
DC	DC	500	1800	580	20
DB	DB	300	1930	580	10
DA	DA	100	1675	580	6
Lecture Bottle	LB50	50	1600	580	6
Lecture Bottle	LB25	25	800	580	5

Notes:

⁴ This product is sold by the liter in larger cylinder sizes 300 and 200.

⁵ This product is sold by the cylinder in smaller cylinders. Fill volumes are approximate and may vary slightly depending on the cylinder manufacturer's specifications.

⁶ Cylinder fill pressures are approximate and can vary as this product is filled gravimetrically.

Contact your WestAir representative about equipment recommendations for this product.