



## XENON (Xe): A colorless, odorless, nonflammable inert gas

Purity:	Grade 4.5	Grade 5	Grade 5.5
<b>Specifications:</b>	<b>99.995%</b>	<b>99.999%</b>	<b>99.9995%</b>
Nitrogen	< 5 ppmv	< 4.0 ppmv	< 1 ppmv
Oxygen	< 2 ppmv	< 1.0 ppmv	< 0.05 ppmv
Carbon Monoxide	< 1 ppmv	< 0.5 ppmv	< 0.1 ppmv
Carbon Dioxide	< 1 ppmv	< 2.0 ppmv	< 0.1 ppmv
Moisture	< 2 ppmv	< 0.5 ppmv	< 0.05 ppmv
Total Hydrocarbons	< 1 ppmv	< 0.5 ppmv	< 0.1 ppmv
Krypton	< 25 ppmv	< 3.0 ppmv	< 2 ppmv
Total Fluorocarbons			< 0.1 ppmv
Argon		< 1.0 ppmv	< 1 ppmv
Hydrogen		< 1.0 ppmv	< 0.5 ppmv
Halocarbon 14		< 0.1 ppmv	

*\*\*Moisture level guaranteed only when Electronic Fluorocarbons prepares the cylinders.*

*All concentrations are on a mol/mol basis unless otherwise stated.*

*Product sold on the basis of total impurities. Individual impurities may vary slightly.*

Cylinder Size	Fill Volume (L)
49L/Size 300	10000
44L/Size 200	7500
16L/Size 80	2000
7L/Size 35	500

### Technical Data:

Mol. Wt: 131.3  
Sp. Volume: 2.9 cu.ft/lb  
Pressure @ 70°F: 1000 psia  
Valve Outlet: CGA 580 or DISS718

### Shipping Information:

DOT Name: Xenon  
Hazard Class: 2.2  
DOT No.: UN 2036  
DOT Label: Green, Non-Flammable Gas  
CAS No.: 7440-63-3