



Krypton (Kr)

Specifications

	GRADE 4	GRADE 4.5	GRADE 5
Purity	99.99%	99.995%	99.999%
Air (N ₂ +O ₂ +CO+CO ₂)	< 40 ppmv		
Nitrogen		< 15 ppmv	< 4 ppmv
Oxygen		< 2 ppmv	< 0.5 ppmv
Carbon Monoxide		< 1 ppmv	< 0.5 ppmv
Carbon Dioxide		< 1 ppmv	< 0.5 ppmv
Moisture	< 10 ppmv	<2 ppmv	< 2 ppmv
Total Hydrocarbons		< 1 ppmv	< 0.5 ppmv
Xenon		< 20 ppmv	< 1 ppmv
CF ₄	< 50 ppmv		< 0.1 ppmv
Sulfur Hexafluoride			< 0.1 ppmv
C ₂ F ₆			< 0.1 ppmv

Note: Moisture level guaranteed only when EFC Gases & Advanced Materials prepares the cylinders. All concentrations are on a mol/mol basis unless otherwise stated.

Cylinder Sizes

SIZE	FILL WEIGHT (L)
49L/Size 300	10,000
44L/Size 200	7,000
44L/Size 200	5,000
16L/Size 80	2,000
5.9L/Size 33A	1,000
3.9L/Size 22A	500
1.7L/Size 9A	250
1.7L/Size 9A	100
0.5L/Lecture Bottle	50
0.5L/Lecture Bottle	25

Technical Data

Molecular Weight: 83.80 g/mol
Specific Volume: 4.6 cu.ft/lb
Valve Outlet: CGA 580

Shipping Information

DOT Name: Krypton
Hazard Class: 2.2
DOT No.: UN 1056
DOT Label: Green, Non-Flammable Gas
CAS No.: 74390-90-9