

Marking

CAS-Number 7439-90-9

Characterization acc. ADR UN 1056, Krypton, compressed, 2.2 Class 2, 1 A

Cylinder Marking

shoulder:
light green

Essential properties

Colourless, odorless rare gas, compressed, heavier than air

Symbols of Risks

gas, compressed

Physical Properties

molecular weight: 83,80 kg/kmol
 gas density at 0°C and 1,013 bar: 3,7491 kg/m³
 density ratio to air: 2,8997

For additional safety information see Material-/safety data sheet No. *-KR-077A

Valves / Manifolds

Valve connection acc. to national standards

Recommended Manifolds Spectrolab FM 51 / FM 52exact
Spectrocem FE 51 / FE 52exact

**Specifications / Forms of delivery**

		4.0	5.0	
Composition				
Kr	>	99,99	99,999	Vol.-%
Impurities				
O ₂	<	2	-	ppmv
Ar	<	10	-	ppmv
O ₂ + Ar	<	-	1,5	ppmv
N ₂	<	20	2	ppmv
H ₂ O	<	5	2	ppmv
THC (as CH ₄)	<	1	0,5	ppmv
Xe	<	50	2	ppmv
CF ₄	<	-	1	ppmv
H ₂	<	-	0,5	ppmv
CO + CO ₂	<	-	1	ppmv
Cylinders / Contents				
F10		1000	1000	l
F 10		2000	2000	l
F 50		10000	10000	l

Remarks

Applications:
lightning
filling gas for windows (insulating gas)
laser technology