

Marking

CAS

Characterization acc. ADR

Cylinder Marking

7439-90-9
UN 1056 KRYPTON,
COMPRESSED, 2.2, (E)



Shoulder color: bright green

Essential properties

compressed gas, heavier than air, colorless, odorless

Symbols of risks**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 safety data sheet *-KR-077A

Valves / Manifolds

Valve connection

acc. to national regulations

Recommended Manifolds

Spectrolab FM 51 / FM 52exact
Spectrochem FE 51 / FE 52exact



Specification / receptacles				
		Krypton 4.0	Krypton 5.0	
Composition				
Kr	≥	99.99	99.999	Vol.-%
Impurities				
Ar	≤	10	-	ppmv
CF ₄	≤	-	1	ppmv
O ₂	≤	2	-	ppmv
H ₂	≤	-	0.5	ppmv
N ₂	≤	20	2	ppmv
Xe	≤	50	2	ppmv
HC (as CH ₄)	≤	1	0.5	ppmv
H ₂ O	≤	5	2	ppmv
O ₂ + Ar	≤	-	1.5	ppmv
CO + CO ₂	≤	-	1	ppmv

Remarks

Applications:

lighting

filling gas for windows (insulating gas)

laser technology

Contents in m³ at 15°C, 1 bar