

**Marking**

**CAS-Number** 7440-63-3

**Characterization acc. ADR** UN 2036, Xenon, compressed, 2.2 Class 2, 2 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: 131,30 kg/kmol  
 gas density at 0°C and 1,013 bar: 5,8982 kg/m<sup>3</sup>  
 density ratio to air: 4,5619

For additional safety information see Material-/safety data sheet No. \*-XE-127

**Valves / Manifolds**

**Valve connection** acc. to national standards

**Recommended Manifolds** Spectrolab FM 51 / FM 52exact  
Spectrochem FE 51 / FE 52exact

**Specifications / Forms of delivery**

		5.0	
<b>Composition</b>			
Xe	>	99,999	Vol.-%
<b>Impurities</b>			
O <sub>2</sub> + Ar	<	1	ppmv
N <sub>2</sub>	<	2,5	ppmv
H <sub>2</sub> O	<	2	ppmv
THC (as CH <sub>4</sub> )	<	0,5	ppmv
CO + CO <sub>2</sub>	<	1	ppmv
Kr	<	2	ppmv
CF <sub>4</sub>	<	1	ppmv
H <sub>2</sub>	<	0,5	ppmv
<b>Cylinders / Contents</b>			
F 2		200,0	l
F 10		2000,0	l
F 50		10000,0	l

**Remarks**

Applications:  
 Filling gas for lamps (halogen lamps, gas discharge lamps)  
 Component of panning gas for plasma display panels (PDP)  
 Component of excimer laser gas mixtures  
 Anaesthetic gas in medicine