

Marking

Characterization acc. ADR UN 1956, gas mixture, compressed, n.o.s., 2.2 Class 2, 1A

Cylinder Marking



shoulder:
light green

Essential properties

Colourless, odorless gas mixture, long-term organ-damaging and teratogenic, compressed, lighter than air.

Symbols of Risks



teratogenic



long-term organ-damaging



gas, compressed

For additional safety information see Material-/safety data sheet No. *-CO-CO2-N2-O2-XE-HE-01

Valves / Manifolds

Valve connection

DIN 477 Nr. 1: W 21,80 X 1/14" LH

Recommended Manifolds

Spectrolab FM 51 / FM 52exact pressure regulator is normally delivered by laser supplier



Specifications / Forms of delivery

		6-comp. gas mixture	
Composition			
He	=	65	Vol. %
N ₂	=	19	Vol. %
CO ₂	=	4	Vol. %
CO	=	6	Vol. %
O ₂	=	3	Vol. %
Xe	=	3	Vol. %
Impurities			
H ₂ O	<	2,2	ppmv
H ₂	<	0,4	ppmv
THC (as CH ₄)	<	0,3	ppmv
Ar	<	2,4	ppmv
Kr	<	1,6	ppmv
Ne	<	0,4	ppmv
Cylinders / Contents			
F 10		1,4	m ³

Tolerance +/- 5% rel.

Remarks

Gas mixture for operation of Rofin Sinar SLAB lasers