

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, asphyxiant gas mixture, compressed, heavier than air

Symbols of Risks

gas, compressed

Physical Properties

gas density at 0°C and 1,013 bar: 1,77 kg/m³
density ratio to air: 1,37

For additional safety information see Material-/safety data sheet No. *-CO2-AR-01

Valves / Manifolds

Valve connection acc. to national standards

Recommended Manifolds Spectrolab FM 51 / FM 52exact

**Specifications / Forms of delivery**

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Composition			
Ar	=	90,0	Vol.-%
CO ₂	=	10,0	Vol.-%
H ₂ O	<=	5	ppmv
O ₂	<=	5	ppmv
Cylinders / Contents			
B 10 200 bar		2,1	m ³
F 50 200 bar		10,6	m ³

Tolerance +/- 5% rel.

Remarks

Operating gas mixture for countertubes and radioactivity measurement devices in nuclear power plants, non-flammable replacement for Argon-Methane-mixtures