

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, lighter than air

Symbols of Risks

gas, compressed

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

Valves / Manifolds

Valve connection acc. to national regulations

Recommended Manifolds Spectrolab FM 51 / FM 52 exact

**Specifications / Forms of delivery**

| | | Lasline By 3.31 | |
|-----------------------------|---|--------------------|----------------|
| Composition | | | |
| CO ₂ | = | 3,14 | Vol. % |
| N ₂ | = | 31,4 | Vol. % |
| He | = | 65,46 | Vol. % |
| Impurities | | | |
| H ₂ O | < | 5 | ppmv |
| HC | < | 1 | ppmv |
| Cylinders / Contents | | | |
| F 50 200 bar | | 9,05 | m ³ |

Tolerance Production
tolerance:

CO₂ = +/- 2 % rel.; N₂ = 2 %
rel.

Remarks

Resonator gas mixtures for operation of Byvention lasermachines from Bystronic, Niederönz, Switzerland