Argon CO₂ mixture

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

<table>
<thead>
<tr>
<th>Composition</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Ar</td>
<td>90.0 Vol.-%</td>
</tr>
<tr>
<td>CO₂</td>
<td>10.0 Vol.-%</td>
</tr>
<tr>
<td>H₂O</td>
<td>&lt;= 5 ppmv</td>
</tr>
<tr>
<td>O₂</td>
<td>&lt;= 5 ppmv</td>
</tr>
</tbody>
</table>

Cylinders / Contents

| B 10 200 bar | 2.1 m³ |
| F 50 200 bar | 10.6 m³ |

Tolerance +/- 5% rel.

Remarks

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

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