

Isobutylene, 2-Methyl propene

## Marking

CAS

Characterization acc. ADR

Cylinder Marking

115-11-7  
UN 1055 ISOBUTYLENE, 2.1,  
(B/D)



Shoulder color: red

## Essential properties

liquified gas, heavier than air, colorless, flammable

## Symbols of risks



## Physical Properties

|                                   |                         |
|-----------------------------------|-------------------------|
| molecular weight                  | 56,107 kg/kmol          |
| gas density at 0 °C and 1,013 bar | 2,599 kg/m <sup>3</sup> |
| density ratio to air              | 2,0063                  |
| vapour pressure at 20 °C          | 2,594 bar               |

For additional safety information see safety data sheet \*-C4H8-076

## Valves / Manifolds

Valve connection

acc. to national regulations



Recommended Manifolds

Spectrolab control valve PN 40

| Specification / receptacles   |   |               |       |
|-------------------------------|---|---------------|-------|
|                               |   | Isobutene 2.5 |       |
| <b>Composition</b>            |   |               |       |
| C <sub>4</sub> H <sub>8</sub> | ≥ | 99.8          | Mol-% |
| <b>Impurities</b>             |   |               |       |
| air gases / other HC          | ≤ | 5,000         | ppm   |
| Sulphur compounds             | ≤ | 1             | ppm   |