



## Propene 2.5



Purity, %:  $\geq 99.5$

Impurities, ppm: other HC  $\leq 5000$   
 Specified data are ideal volume shares (=mole shares)

Type of supply: **Steel cylinder**

| Capacity, [Liter] | Cylinder contents, [kg] | Vapor pressure at 20°C [bar] | Gross weight approx. [kg] | Outer diameter approx. [mm] | Cylinder length approx. [mm] |
|-------------------|-------------------------|------------------------------|---------------------------|-----------------------------|------------------------------|
| 2                 | 0.8                     | 10.43                        | 6                         | 100                         | 490                          |
| 12.3              | 5                       | 10.43                        | 11                        | 229                         | 475                          |
| 27                | 11                      | 10.43                        | 23                        | 300                         | 485                          |
| 79                | 33                      | 10.43                        | 68                        | 318                         | 1145                         |

Additional delivery types on demand.

Supply notice: also available with dip tube

| Conversion factors: | m <sup>3</sup> gas (15°C, 1 bar) | l liquid at T <sub>b</sub> | kg    |
|---------------------|----------------------------------|----------------------------|-------|
|                     | 1                                | 2.908                      | 1.785 |
|                     | 0.344                            | 1                          | 0.614 |
|                     | 0.56                             | 1.629                      | 1     |

Identification: Label: Propene 2.5  
 Valve outlet: W 21.80 x 1/14 LH, DIN 477 No. 1

Properties: under pressure liquefied gas, highly flammable

AGW value: 1000 ppm  
 Chemical symbol: C<sub>3</sub>H<sub>6</sub>  
 Molar mass: 42.081 g/mol

Relative density based on dry air (15°C, 1 bar): 1.476  
 Critical temperature: 364.75 K (91.6 °C)  
 Boiling point at 1.013 bar (T<sub>b</sub>): 225.43 K (-47.72 °C)

Applications: Fuel gas in chemical synthesis  
 initial point for the manufacturing of polypropylene

Mixtures of propane with other gases in defined compositions, e.g. for the petrochemical industry.

### Linde GmbH

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Also available: Propen 3.5

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Änderungen vorbehalten  
Stand 21.04.2008