

Marking

CAS-Number	115-07-1
Characterization acc. ADR	UN 1077, Propene, 2.1 Class 2, 2F

Cylinder Marking

shoulder:
red

Essential properties

Colourless, flammable gas, liquified, heavier than air

Symbols of Risks

extremely flammable



gas, liquified

Physical Properties

molecular weight:	42,080 kg/kmol
gas density at 0°C and 1,013 bar:	1,9138 kg/m ³
density ratio to air:	1,4802
vapour pressure at 20°C:	10,199 bar

For additional safety information see Material-/safety data sheet No. *-C3H6-105

Valves / Manifolds

Valve connection	acc. to national standards
Recommended Manifolds	Spectrolab control valve PN 40

**Specifications / Forms of delivery**

		2.5	
Composition			
C ₃ H ₆	>	99,5	Vol.-%
Impurities			
C ₃ H ₈	<	4000	ppmv
other HC	<	1000	ppmv
Cylinders / Contents			
F 27		11,0	kg
F 79		33,0	kg

Remarks

Applications:
Feedstock for polypropylene
Precursor for acetone, isopropanol, acrylonitrile and other organic compounds