

Marking

CAS-Number	74-84-0
Characterization acc. ADR	UN 1035, Ethane, 2.1 Classe 2, 2F

Cylinder Marking

shoulder:
red

Essential properties

Colourless, odorless, narcotic, flammable gas, liquefied, lighter than air

Symbols of Risks

extremely flammable



gas, compressed

Physical Properties

molecular weight:	30,069 kg/kmol
gas density at 0°C and 1,013 bar:	1,3551 kg/m ³
density ratio to air:	1,0481
vapour pressure at 20°C:	37,64 bar

For additional safety information see Material-/safety data sheet No. *-C2H6-051A

Valves / Manifolds

Valve connection	acc. to national standards
Recommended Manifolds	Spectrolab control valve PN 40 Spectrolab FM 51 / FM 52exact



Specifications / Forms of delivery				
		2.5	3.5	
Composition				
C ₂ H ₆	>	99,5	99,95	Vol.-%
Impurities				
O ₂	<	25	10	ppmv
N ₂	<	100	40	ppmv
CO ₂	<	-	5	ppmv
H ₂ O	<	-	5	ppmv
other HC	<	4000	400	ppmv
Cylinders / Contents				
F 10		3,0	3,0	kg
F 50		15,0	15,0	kg