

## Marking

CAS

Characterization acc. ADR

Cylinder Marking

7440-37-1  
UN 1006 ARGON,  
COMPRESSED, 2.2, (E)



Shoulder color: dark green

## Essential properties

compressed gas, heavier than air, colorless, odorless

## Symbols of risks



## Physical Properties

molecular weight	39,948 kg/kmol
gas density at 0°C and 1,013 bar	1,784 kg/m <sup>3</sup>
density ratio to air	1,3797

For additional safety information see safety data sheet \*-Ar-003A

## Valves / Manifolds

Valve connection

200 bar: entsprechend nationaler Regelung  
300 bar: ISO 5145 Nr. 1: W 30 x 2



Recommended Manifolds

Spectrotec

Specification / receptacles					
		Argon 4.0	Argon for welding (4.6)	Argon 4.8	
<b>Composition</b>					
Ar	≥	99.99	99.996	99.998	Vol.-%
<b>Impurities</b>					
N <sub>2</sub>	≤	-	-	10	ppmv
O <sub>2</sub>	≤	-	-	3	ppmv
H <sub>2</sub> O	≤	-	-	4	ppmv
HC (as CH <sub>4</sub> )	≤	-	-	0.2	ppmv
CO + CO <sub>2</sub>	≤	-	-	0.2	ppmv
<b>Cylinder / Contents</b>					
B 50 200 bar		10.7	10.7	-	m <sup>3</sup>
F 20 200 bar		4.3	4.3	-	m <sup>3</sup>
F 50 300 bar		15.3	15.3	-	m <sup>3</sup>
MegaPack4 200 bar		-	128.6	-	m <sup>3</sup>
MegaPack4 300 bar Duplex		-	183.5	-	m <sup>3</sup>
MegaPack6 200 bar		-	192.9	-	m <sup>3</sup>
MegaPack6 300 bar Duplex		-	275.3	-	m <sup>3</sup>