

ARGON 5.0 / Ar



Air Liquide's Gas Encyclopedia - Pages: 85 - 114

Applications

Double Glazing
Inerting
Lighting
Zero Gas, Plasma gas

Transport information

Compressed gases

Proper shipping name	Argon, compressed
UN-Nr	1006
ADR/RID	Class 2
	Classification code 1A



Safety Data Sheets

Compressed gas : SDS-003A-CLP
Access: [https://www.msds-al.co.uk/assets/file_assets/SDS-003A-CLP_Argon\(7440-37-1\).pdf](https://www.msds-al.co.uk/assets/file_assets/SDS-003A-CLP_Argon(7440-37-1).pdf)

Physical information

Molecular weight	40 g/mol
Relative density:	
Relative density, gas	1,38 (air=1)
Relative density, liquid	1,4 (water=1)
Colour	Colorless
Odor	Odorless
CAS number	7440-37-1

Properties

Hazards identification: Contains gas under pressure; may explode under the effect of heat. Asphyxiant in high concentrations.

Flammability range: Non-flammable



Cylinder equipment

Valve fittings

BS341 - No 3
NEVOC CEN 1

Shoulder colour:

Dark green (RAL 6001)



Product Specifications

Global purity (% Vol. abs) Ar	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,999 %	H ₂ O ≤ 2	Cylinder	10L	200 bar	2,1 m3	P1211S10R2A001
	O ₂ ≤ 2	Cylinder	50L	200 bar	10,5 m3	P1211L50R2A001
	N ₂ ≤ 5	Cylinder	50L NEVOC	300 bar	16 m3	P1211L50Z3A001
	CO ₂ ≤ 0.1					
	O ₂ + Ar ≤ 0.1					
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Additional information

Storability: 60 months for compressed gas

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