

ALPHAGAZ™ 2 ARGON / Ar



ALPHAGAZ™, the simple solution to enhance your analytical performance
ALPHAGAZ™ 2, the commitment to highest quality for ppm to ppb analysis

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

Applications

Carrier gas
 Instrumentation gas
 Purge and Zero gas

Transport information

Compressed gas cylinders

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



Safety Data Sheets

Compressed gas : N° EIGA003A
 Access: <https://be.airliquide.com/>

Physical information

Molecular weight	39.95 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: Inert; non-flammable

Personal protection: Ensure adequate ventilation. For full and more detailed information, please consult the Material Safety Data Sheet (MSDS).



Cylinder equipment

Valve fittings

Cylinder: B4 - IS 21.7 x 1.814 right-hand male
 Bundle: WW 1 1/8 right-hand male

Shoulder colour:

Dark green (RAL 6001)



Product Specifications

Global purity (% mol) Ar	Impurities (ppm-mol)		Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,9999 %	H ₂ O (5 bar)	≤ 0,5	Cylinder	10L	200 bar	2,1 m³	P0022S10R2A001
	O ₂	≤ 0,1	Cylinder	50L	200 bar	10,5 m³	P0022L50R2A001
	CO	≤ 0,1	Bundle	V12*50L	200 bar	126 m³	P0022V12R2A001
	CO ₂	≤ 0,1					
	CnHm	≤ 0,1					
	H ₂	≤ 0,1					

Additional information

Product recommended for analysis from ppm to ppb

Shelf life: 60 months

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