

HELIUM HG / He



PAUWELS

gassen, lassen & gereedschappen

Air Liquide's Gas Encyclopedia - Pages: 989 - 998

Applications

Fiber optics
Airbags
Leak detection

Transport information

Compressed gases

Proper shipping name	Helium, compressed
UN-Nr	1046
ADR/RID	Class 2
	Classification code 1A



Safety Data Sheets

Physical information

Molecular weight	4 g/mol
Relative density:	
Relative density, gas	0.14 (air=1)
Relative density, liquid	N/A (water=1)
Colour	Colorless
Odor	Odorless
CAS number	7440-59-7

Properties

Hazards identification: In high concentrations may cause asphyxiation

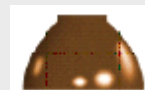
Flammability range: Non-flammable

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: Brown (RAL 8008)



Product Specifications

Global purity (% Vol. abs) He	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,996 %	H ₂ O (5 bar) ≤ 5	Cylinder	M20	200 bar	3.6 m ³	I6035M20R2A001
	O ₂ ≤ 5	Cylinder	L50	200 bar	9.1 m ³	I6035L50R2A001
	N ₂ ≤ 20	Bundle	V09	200 bar	82 m ³	I6035V09R2A001
		Bundle	V12	200 bar	109 m ³	I6035V12R2A001
		Bundle	H27	200 bar	246 m ³	I6035H27R2A001



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