

HYDROGEN N30 / H₂



Air Liquide produces and delivers hydrogen throughout Europe in total safety, in a mode of supply to suit our customer's needs: cylinder, tube trailer or on-site production

Air Liquide's Gas Encyclopedia - Pages: 889 - 914

Applications

Burner gas
Reduction agent
Heat treatment: Reducing medium during sintering, bright annealing, brazing and high-pressure gas quenching after vacuum carburizing

Transport information

Compressed gases

Proper shipping name Hydrogen, compressed
UN-Nr 1049
ADR/RID Class 2
Classification code 1F



Safety Data Sheets

Compressed gas : N° EIGA067A
Access: <https://be.airliquide.com/>

Physical information

Molecular weight 2 g/mol
Relative density:
 Relative density, gas 0.07 (air=1)
Colour Colorless
Odor Odorless
CAS number 1333-74-0

Properties

Hazards identification: Extremely flammable gas. Contains gas under pressure; may explode

Personal protection: When handling the product provide adequate ventilation, do not smoke



Cylinder equipment

Shoulder colour:
Red (RAL 3000)



Product Specifications

Global purity (% Vol. abs)	Impurities (ppm v/v)		Supply mode	Packaging size	Pressure	Capacity	Product reference
H ₂							
≥ 99,9 %	H ₂ O (5 bar)	≤ 40	Cylinder	50L	200 bar	10 m³	I7005L50R2A001
	O ₂	≤ 10					
	N ₂	≤ 900					

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