

HYDROGEN Fuel Cell / H₂



Transport information

Compressed gases

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



Physical information

Molecular weight	2,016 g/mol
Colour	Colorless
Odor	Odorless
CAS number	1333-74-0

Properties

Hazards identification: Extremely flammable, can cause asphyxiation



Cylinder equipment

Shoulder colour:
Red (RAL 3000)



Product Specifications

Purity H ₂	Impurities		Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,97 mol- %	H ₂ O	< 5 µmol/mol	Bundle	V16*50L	200 bar	126,4 m3	I7022V16R2A001
	HC (without CH ₄)	< 2 µmol/mol					
	CH ₄	< 100 µmol/mol					
	O ₂	< 5 µmol/mol					
	He	< 300 µmol/mol					
	N ₂	< 300 µmol/mol					
	Ar	< 300 µmol/mol					
	CO ₂	< 2 µmol/mol					
	S total	< 0,004 µmol/mol					
	NH ₃	< 0,1 µmol/mol					

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