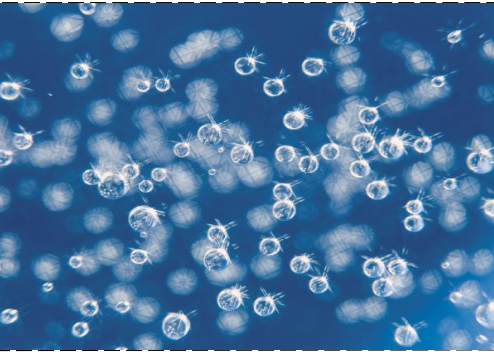


Forming Gas 5% Hydrogen / Nitrogen



TIGCS delivers forming gas in a mode of supply to suit each of our customer's needs: cylinder, Pack or mixed onsite

● Applications

Forming Gas in Electronic process
Shielding gas in gas welding. Shielding or assist gas for plasma-cutting or laser-cutting

● Transport information

Compressed gas

Proper shipping name H2 5%;N2 90%
UN Nr 1954
ADR/RID Class 2 Label 2.1



● Safety Data sheets

Access:

● Physical information

Relative density, gas 0.89 (calculated 15 C)
Colour colourless gas
Odor odorless gas

● Properties

Hazards identification: Can form a potentially explosive atmosphere in air. May react violently with oxidants. Contains gas under pressure; may explode if heated.
Flammability range: Highly flammable Gas
Personal protection: ensure adequate ventilation

● Cylinder equipment

Valve: CGA 350
Cylinder color: Gray
Cylinder strip: Red



● Product Specification

Components (% Vol. abs)	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	*Capacity (m3)
H2 5% ± 0.5%	H2O ≤ 5	Cylinder	47L	150	7
N2 balance	O2 ≤ 5	Cylinder	50L	200	10
		Pack 16	50L	200	162

*Typical capacities of the product are guaranteed for each cylinder in particular.

DISCLAIMER

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