

5% Hydrogen / Argon



5% Hydrogen Balance Argon: TIGCS solution for shielding gases and mixtures in arc welding

● Applications

- TIG and Plasma welding of Austenitics
- TIG and Plasma welding of Nickel base alloys
- Robotic welding of stainless steels
- TIG multi-cathode welding of stainless tubings
- Root shielding of austenitic stainless steels

● Transport information

Compressed gas

Proper shipping name Compressed gas, N.O.S.
UN Nr 1954
ADR/RID Class 2
Classification Code 1 F



● Safety Data sheets

Access:

● Product Specification

| Components (% Vol. abs) | | Impurities (ppm v/v) | | Supply mode | Packaging size | Pressure (bar) | *Capacity (m3) |
|-------------------------|-----------|----------------------|-----|-------------|----------------|----------------|----------------|
| H2 | 5% ± 0.5% | H2O | ≤ 5 | Cylinder | 50L | 200 | 10 |
| Ar | Balance | O2 | ≤ 5 | **Pack 8,16 | 50L | 200 | 81,162 |
| | | | | | | | |

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

** On demand

● Physical information

Relative density, gas heavier than air
Colour colourless gas
Odor none

● Properties

Hazards identification: extremely flammable
Flammability range: extremely flammable
Personal protection: do not smoke while handling product, ensure adequate ventilation

● Cylinder equipment

Valve: CGA 350
Cylinder color: Blue
Stripe color: Red
Caps: Lead



DISCLAIMER

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