

NICROTIG 622

TIG Rods [GTAW]

Nickel alloys

| | | |
|---|-------------------|---|
| CLASSIFICATION: EN ISO 18274-A : S Ni 6022 AWS A-5.14 : ER NiCrMo-10 | APPROVALS: | APPLICATION: Power generation industry Petrochemical and chemical industry |
|---|-------------------|---|

- Nickel-based TIG welding rod, designed for welding 622 alloys and corrosion-resistant NiCrMo steels.
- It can also be used to clad carbon, low alloyed and high alloyed steels.
- Provides excellent resistance to cracking, stress corrosion cracking, and pitting.

Typical chemical composition %

| Cr | Ni | Mo | Fe | W |
|------|------|------|-----|-----|
| 20,5 | 59,0 | 14,0 | 2,3 | 3,2 |

Typical mechanical properties

| | |
|---|-----------|
| Tensile strength Rm [N/mm²] | 690 |
| Shielding gases acc. to EN ISO 14175 | I1 - Ar / |

Welding parameters and packing

| ∅ | Length [mm] | Weight of packet [kg] |
|-----|-------------|-----------------------|
| 2,0 | 1000 / | 5,0 |
| 2,4 | 1000 / | 5,0 |
| 3,2 | 1000 / | 5,0 |

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