










CEWELD 409Nb Tig

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|---|--|-----|---|-------------------------|-----|----------------------|-----|--------|----------|------|
| TYPE | CEWELD 409Nb Tig is a ferritic stainless steel welding wire | | | | | | | | | |
| APPLICATIONS | CEWELD 409Nb Tig is designed for welding automotive exhaust system components such as manifolds, mufflers, catalytic, converters and tubing. For weld Type 409 and 409Ti base materials | | | | | | | | | |
| PROPERTIES | The addition of niobium improves corrosion resistance and promotes a ferritic micro-structure For the best results, welding must be done in a low heat input procedure and is not recommended for multi-pass applications | | | | | | | | | |
| CLASSIFICATION | AWS EN ISO W.Nr. | | A 5.9: ER 409Nb 14343-B: SS 409 Nb ~ 1.4009 | | | | | | | |
| SUITABLE FOR | 1.4512, X2CrTi12, AISI 409, 409Ti UNS S40940, S40900 | | | | | | | | | |
| APPROVALS | CE | | | | | | | | | |
| WELDING POSITIONS | <div>PAPBPCPDPEPFPG</div> | | | | | | | | | |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | C | Mn | Si | Cr | Ni | Nb | Mo | P | Cu | S |
| | 0.08 | 0.8 | 1 | 12 | 0.6 | 0.07 | 0.5 | 0.04 | 0.04 | 0.03 |
| MECHANICAL PROPERTIES | Heat Treatment | | | R _{P0,2} (MPa) | | R _m (MPa) | | A5 (%) | Hardness | |
| | As Welded | | | 240 | | 450 | | 50 | 130 HB | |
| REDRYING | Not required | | | | | | | | | |
| GAS ACC. EN ISO 14175 | I1 | | | | | | | | | |



CEWELD 409Nb Tig

409NB TIG 2,0 X 1000MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| Tube | 5 | 8720663411754 |