



CEWELD Al 99,5 Ti

TYPE Pure aluminum filler metal for Mig welding

APPLICATIONS Aluminium wire for welding mostly pure aluminium (maximum 0,5% of alloyed elements). Applications in chemistry, electronics, construction and food industries.

PROPRIÉTÉS This pure aluminum filler metal offers excellent weldability when properly cleaned prior to welding. Heavy parts and thicker plates should be preheated (150°C), prior to welding

CLASSIFICATION

| | |
|--------|-----------------------------|
| AWS | A 5.10: ER1450 |
| EN ISO | 18273: S Al 1450 (Al99,5Ti) |
| W.Nr. | 3.0805 |
| F-nr | 21 |

CONVIENT POUR Cast aluminium special repairs, Pure aluminum
Al99,0 Al.99,5 Al.99,7 E-Al.
3.0255, 3.0205

AGRÉMENTS CE

POSITIONS DE SOUDAGE



| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | Si | Mn | Ti | Fe | Al |
|---|-----|------|------|-----|------|
| | 0.2 | 0.01 | 0.15 | 0.2 | 99.6 |

| PROPRIÉTÉS MÉCANIQUES | Heat Treatment | R _{P0,2} (MPa) | R _m (MPa) | A5 (%) | Hardness |
|-----------------------|----------------|-------------------------|----------------------|--------|----------|
| | As Welded | 30 | 80 | 40 | HRc |

ETUVAGE Not required

GAS ACC. EN ISO 14175 I1, I3