


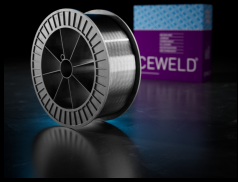


CEWELD ERTi-7 (spool)

| | | | | | | |
|---|--|-----------------------------|-----------------------|-----------|-----|------|
| TYPE | Titanium Tig welding wire grade 7 | | | | | |
| APPLICATIONS | Grade 7 is often used in the aerospace industry because of its favorable weight/strength ratio. Also, in petrochemical, pharmaceutical, heat exchangers, pipes and valves. | | | | | |
| PROPERTIES | Grade 7 has better corrosion resistance than grade 2 due to the addition of 0.12-0.25% palladium, mechanical properties are similar to grade 2. The deposit is ductile and provides excellent corrosion resistance in oxidizing environments. The unique combination of mechanical strength and corrosion resistance makes the alloy a preferred choice in many applications to prevent or solve problems. The wire is cleaned in a very special way to provide a porous and ductile weld deposit. | | | | | |
| CLASSIFICATION | AWS | A 5.16: ERTi-7 | | | | |
| | EN ISO | 24034: S Ti 2401 / TiPd0,2A | | | | |
| | F-nr | 51 | | | | |
| SUITABLE FOR | Titanium grade 7, Grade 2, Grade 16 Alloy group 24 (2401, 2403, 2405) | | | | | |
| APPROVALS | No Approvals Found | | | | | |
| WELDING POSITIONS |    | | | | | |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | C | H | O | Fe | Pd | Ti |
| | 0.02 | 0.005 | 0.1 | 0.1 | 0.2 | Rem. |
| ALL WELD MECHANICAL PROPERTIES | Heat Treatment | R _{P0,2} MPa | R _m MPa | A5 (%) | | |
| | As Welded / | 275 | 345 | 20 | | |
| REDRYING TEMPERATURE | Not required | | | | | |
| GAS ACCORDING EN 14175 | I1 | | | | | |



CEWELD ERTi-7 (spool)

ERTI-7 (SPOOL) 1,0MM

| Type | KG/unit | EANCode |
|-------|---------|---------------|
| D-300 | 10 | 8720663406613 |

ERTI-7 (SPOOL) 1,2MM

| Type | KG/unit | EANCode |
|-------|---------|---------------|
| D-300 | 10 | 8720663406590 |