



CEWELD SG TITAN Tig

TYPE	Special TIG rod with de-oxidation additions for improved welding properties.(ER70S-2, 2Ti)											
APPLICATIONS	CEWELD® SG TITAN Tig is recommended for applications requiring high purity of the weld metal. Ideal for dirty, rusty, painted or galvanized steel sheets during maintenance and repair. in the areas of vehicle restoration, body shops, frame and overhaul work....											
PROPERTIES	CEWELD® SG TITAN Tig is characterized by low spattering, excellent flow properties and deoxidation properties due to the addition of Zr, Ti and Aluminium.											
CLASSIFICATION	AWS EN ISO		A 5.18: ER 70S-2 636-A: W 46 2 2Ti									
SUITABLE FOR	Rp< 460 MPa (70ksi) ISO 15608: 1.1 $ReH \leq 275 \text{ MPa}$, 1.2 $275 < ReH \leq 360 \text{ MPa}$, 1.3 $ReH > 360 \text{ MPa}$, 2.1 360 < ReH ≤ 460 MPa 1.0035, 1.0038, 1.0039, 1.0044, 1.0112, 1.0116, 1.0130, 1.0145, 1.0253, 1.0254, 1.0255, 1.0258, 1.0259, 1.0319, 1.0345, 1.0345, 1.0345, 1.0348, 1.0352, 1.0418, 1.0420, 1.0425, 1.0425, 1.0425, 1.0451, 1.0452, 1.0453, 1.0457, 1.0459, 1.0460, 1.0460, 1.0461, 1.0486, 1.0490, 1.0491, 1.0619, 1.1100, 1.0409, 1.0421, 1.0426, 1.0429, 1.0430, 1.0436, 1.0473, 1.0481, 1.0482, 1.0484, 1.0505, 1.0545, 1.0546, 1.0562, 1.0566, 1.0570, 1.0578, 1.0581, 1.0582, 1.8902, 1.8912, 1.8932 S235JR-S355JR, S235JO-S355JO, P195TR1-P265TR1, P195GH-P265GH, L245NB-L360NB, L245MB-L360MB, L415NB, L415MB, WStE 380, WStE 420, S420NL A, B, D ASTM A 106, Gr. A, B; A 283 Gr. A, C; A 285 Gr. A, B, C; A 501, Gr. B; A 573, Gr. 58, 65, 70; A 633, Gr. A, C; A 711 Gr. 1013; API 5 L Gr. B, X42, X52, X60 5											
APPROVALS	CE											
WELDING POSITIONS	PAPBPCPDPEPFPG											
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Cr	Ni	Mo	V	Cu	Al	Ti+Zr
	0.05	0.5	1.2	0.01	0.01	0.034	0.018	0.006	0.002	0.11	0.1	0.17
MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V						Hardness	
					RT	-30°C						
	As Welded	470	560	24	100	55					HRc	
REDRYING	Not required											
GAS ACC. EN ISO 14175	I1											



CEWELD SG TITAN Tig

SG TITAN TIG 1,6 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663405531
SG TITAN TIG 2,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663405548
SG TITAN TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663405562
SG TITAN TIG 3,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663405579