



CEWELD SG TITAN

TYPE	Special MAG wire with deoxidizing additives for improved welding properties (2Ti, ER70S-2).						
APPLICATIONS	CEWELD® SG TITAN 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 is characterized by low spattering, excellent flow properties and deoxidation properties due to the addition of Zr, Ti and aluminium. SG Titan is a bronzed wire to offer excellent feeding properties with standard steel liners.						
CLASSIFICATION	AWS	A 5.18: ER 70S-2					
	EN ISO	14341-A: G 46 A M21 2Ti					
	F-nr	6					
	FM	1					
SUITABLE FOR	Rp< 460 MPa (70ksi) ISO 15608: 1.1 ReH ≤ 275 MPa, 1.2 275 < ReH ≤ 360 MPa , 1.3 ReH > 360 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							
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Al	Ti+Zr
	0.05	0.5	1.2	0.01	0.01	0.1	0.17
MECHANICAL PROPERTIES	Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
	As Welded	460	565	24	-30°C		
					60		HRc
REDRYING	Not required						
GAS ACC. EN ISO 14175	M21						



CEWELD SG TITAN

SG TITAN 0,6MM

Packaging	KG/unit	EanCode
D-200	5	8720663404930
D-300	15	8720663404947

SG TITAN 0,8MM

Packaging	KG/unit	EanCode
D-200	5	8720663405036
D-300	15	8720663405067

SG TITAN 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405319
Drum	250	8720663405326

SG TITAN 1,2MM

Packaging	KG/unit	EanCode
D-300	15	8720663405333