



CEWELD SG TITAN

TYPE	Special Mag wire with desoxidation additions for improved welding properties.								
APPLICATIONS	Recommended for applications that require high purity of the weld metal. Ideal for diluted, rusty, painted or galvanized steel plates in maintenance and repair. Car restoration, body shops, frames and overhaul work.								
PROPERTIES	Low spatter formation, excelent flowing and desoxidation 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	<table border="0"> <tr> <td>AWS</td> <td>A 5.18: ER 70S-2</td> </tr> <tr> <td>EN ISO</td> <td>14341-A: G 46 A M21 2Ti</td> </tr> <tr> <td>F-nr</td> <td>6</td> </tr> <tr> <td>FM</td> <td>1</td> </tr> </table>	AWS	A 5.18: ER 70S-2	EN ISO	14341-A: G 46 A M21 2Ti	F-nr	6	FM	1
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SUITABLE FOR S185-E360, S235JR-S355JR, S235J0-S450J0, S235J2-S355J2, S275N-S460N, S275M-S460M, S460Q, P235GH-P355GH, P275N-P460N, P355M-P460M, P355Q-P460Q
 ASTM: A27, A36, A106 grades A/B/C, A139, A210 grades A1/C, A214, A216 grades WCA/WCB/WCC, A234 grade WPB.
 A334 grade 1 / API: 5L grades X42-X65

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
					-30°C	
	As Welded	460	565	24	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