

CEWELD SG TITAN Tig

TYPE Special TIG rod with de-oxidation 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 excellent desoxidation properties due to the addition of Zr, Ti and Aluminium.

CLASSIFICATION AWS A 5.18: ER 70S-2
EN ISO 636-A: W 46 2 2Ti

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 (%)

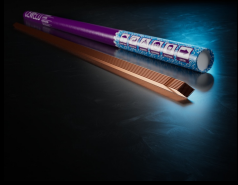
C	Si	Mn	P	S	Cr	Ni	Mo	V	Cu	Al	Ti+Zr
0.05	0.5	1.2	0.01	0.01	0.034	0.018	0.006	0.002	0.11	0.1	0.17

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



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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