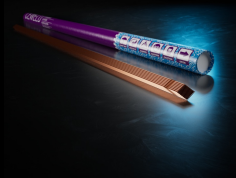


CEWELD SG TITAN Tig

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											
PROPRIÉTÉS	excellent desoxidation 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									
CONVIENT POUR	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											
AGRÉMENTS	CE											
POSITIONS DE SOUDAGE	 PA  PB  PC  PD  PE  PF  PG											
ANALYSE CHIMIQUE TYPIQUE DU MÉTAL D'APPORT (%)	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
PROPRIÉTÉS MÉCANIQUES	Heat Treatment		R _{p0,2} (MPa)	R _m (MPa)	A5 (%)	Impact Energy (J) ISO-V				Hardness		
	As Welded		470	560	24	RT		-30°C		HRc		
ETUVAGE	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