

# CEWELD SG 2 Tig

**TYPE** Fil de soudure cuivré SG2 (ER 70S6)

**APPLICATIONS** Construction navale, offshore, réparation, construction, soudage de tôles de voitures, etc...

**PROPRIÉTÉS** Extrêmement facile à souder avec d'excellentes propriétés de soudage. Haute qualité mondialement reconnue avec une hélice en fonte contrôlée pour les applications semi-automatiques ou semi-automatiques. Soudable avec du gaz Co2 et Mix.

**CLASSIFICATION**

AWS	A 5.18: ER 70S-6
EN ISO	636-A: W 46 5 3Si1
W.Nr.	1.5125
F-nr	6
FM	1

**CONVIENT POUR** **Rp < 420 MPa (60ksi) ISO 15608: 1.1 (ReH < 275 MPa), 1.2 (275 < ReH < 360 MPa), 1.3 (ReH > 360 MPa < 420 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, 1.0461, 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

10Ni14, 12Ni14, 13MnNi6-3, 15NiMn6, S235JR-S355JR, S235JO-S355JO, P195TR1-P265TR1, P195GH-P265GH, L245NB-L360NB, L245MB-L360MB, L415NB, L415MB, WStE 380, WStE 420, S420NL

A, B, D, E, A 32-E 36

**ASTM** A 105, 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

Domex 315-420MC, MC Plus, ML

**AGRÉMENTS** TÜV: (19806), CE



**ANALYSE CHIMIQUE TYPIQUE DU MÉTAL D'APPORT (%)**

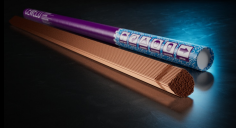
	C	Si	Mn
	0.08	0.85	1.45

**PROPRIÉTÉS MÉCANIQUES**

Heat Treatment	R <sub>P0.2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V			Hardness
				RT	-40°C	-50°C	
As Welded	450	560	24	200	150	60	HRc

**ETUVAGE** Non requis

**GAS ACC. EN ISO 14175** I1



# CEWELD SG 2 Tig

SG 2 TIG 0,8 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411235

SG 2 TIG 1,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411242

SG 2 TIG 1,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411259

SG 2 TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411266

SG 2 TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411280

SG 2 TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411297

SG 2 TIG 3,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411303

SG 2 TIG 3,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411310

SG 2 TIG 4,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411327

SG 2 TIG 5,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411334