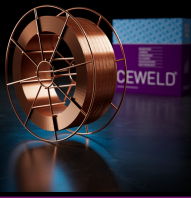


CEWELD SG 2

TYPE	Fil de soudure cuivré SG2 (ER 70S6)													
APPLICATIONS	Construction navale, offshore, réparation, construction, soudage de tôles d'automobiles, etc...													
PROPRIÉTÉS	Extrêmement facile à souder avec d'excellentes propriétés de soudage. Haute qualité mondialement reconnue avec un cast et helix contrôlée pour les applications semi-automatiques ou semi-automatiques. Soudable avec du gaz CO2 et mélange Ar/CO2													
CLASSIFICATION	<p>AWS A 5.18: ER 70S-6</p> <p>EN ISO 14341-A: G 42 3 C1 3Si1, 14341-A: G 42 4 M21 3Si1</p> <p>W.Nr. 1.5125</p> <p>F-nr 6</p> <p>FM 1</p>													
CONVIENT POUR	<p>Rp < 420 MPa (60ksi) ISO 15608: 1.1 (ReH < 275 MPa), 1.2 (275 < ReH < 360 MPa), 1.3 (ReH > 360 MPa < 420 MPa)</p> <p>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</p> <p>10Ni14, 12Ni14, 13MnNi6-3, 15NiMn6,</p> <p>S235JR-S355JR, S235JO-S355JO, P195TR1-P265TR1, P195GH-P265GH, L245NB-L360NB, L245MB-L360MB, L415NB, L415MB, WStE 380, WStE 420, S420NL</p> <p>A, B, D, E, A 32-E 36</p> <p>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;</p> <p>API 5 L Gr. B, X42, X52, X60</p> <p>Domex 315-420MC, MC Plus, ML</p>													
AGRÉMENTS	CE, DB: 42.206.01													
POSITIONS DE SOUDAGE														
ANALYSE CHIMIQUE TYPIQUE DU MÉTAL DE SOUDURE (%)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">C</td> <td style="width: 25%;">Si</td> <td style="width: 25%;">Mn</td> <td style="width: 25%;">P</td> <td style="width: 25%;">S</td> </tr> <tr> <td>0.07</td> <td>0.85</td> <td>1.45</td> <td>0.015</td> <td>0.015</td> </tr> </table>	C	Si	Mn	P	S	0.07	0.85	1.45	0.015	0.015			
C	Si	Mn	P	S										
0.07	0.85	1.45	0.015	0.015										
PROPRIÉTÉS MÉCANIQUES	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <th rowspan="2">Heat Treatment</th> <th rowspan="2">R_{P0.2} (MPa)</th> <th rowspan="2">R_m (MPa)</th> <th rowspan="2">A₅ (%)</th> <th>Impact Energy (J) ISO-V</th> <th rowspan="2">Hardness</th> </tr> <tr> <th>-40°C</th> </tr> <tr> <td>As Welded</td> <td>440</td> <td>560</td> <td>30</td> <td>90</td> <td>HRC</td> </tr> </table>	Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V	Hardness	-40°C	As Welded	440	560	30	90	HRC
Heat Treatment	R _{P0.2} (MPa)					R _m (MPa)		A ₅ (%)	Impact Energy (J) ISO-V	Hardness				
		-40°C												
As Welded	440	560	30	90	HRC									
ETUVAGE	Non requis													
GAS ACC. EN ISO 14175	M21, C1													



CEWELD SG 2

SG 2 0,6MM

Packaging	KG/unit	EanCode
D-100	4x1,0	8720663404893
D-200	5	8720663404916
D-300	15	8720663404923

SG 2 0,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405029
BS-300 Uncoppered	15	8720663405043
D-100	4x0,8	8720663404954
D-200	5	8720663404992
D-300	15	8720663405005
Drum	250	8720663405012

SG 2 0,9MM

Packaging	KG/unit	EanCode
D-200	5	8720663405081
Drum	250	8720663405074

SG 2 1,0MM

Packaging	KG/unit	EanCode
BS-300	1	8720663405135
BS-300 Uncoppered	15	8720663405173
D-200	5	8720663405142
D-300	15	8720663405180
Drum	250	8720663405197

SG 2 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405425
BS-300 Uncoppered	15	8720663405487
D-200	5	8720663405456
D-300	15	8720663405463
Drum	250	8720663405494
Drum Uncoppered	250	8720663424778