

CEWELD SG 2

TYPE	ER 70S-6 welding wire for welding un and -low alloyed steels upto 420 MPa yield strength.	
APPLICATIONS	CEWELD® SG2 is a GMAW wire for joining and surfacing unalloyed and low-alloy structural steels. Typical in Shipbuilding, piping, bridges, repair, construction, car-plate welding etc...	
PROPERTIES	CEWELD® SG2 is extreme easy to weld with excellent welding properties. High world wide excepted quality with controlled cast en helix for semi and or semi-automatic applications. Weldable with Co2 and Mix gas.	
CLASSIFICATION	AWS	A 5.18: ER 70S-6
	EN ISO	14341-A: G 42 3 C1 3Si1
	EN ISO	14341-A: G 42 4 M21 3Si1
	F-nr	6
	FM	1
	W.Nr.	1.5125
SUITABLE FOR	<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, 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>	

APPROVALS CE DB (42.206.01)

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

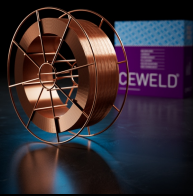
C	Si	Mn	P	S
0.07	0.85	1.45	0.015	0.015

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} MPa	R _m MPa	A ₅ (%)	Impact Energy (J) ISO-V -40°C
As Welded /	440	560	30	90

REDRYING TEMPERATURE Not required

GAS ACCORDING EN 14175 M21, C1



CEWELD SG 2

SG 2 0,6MM

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

SG 2 0,8MM

Type	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

Type	KG/unit	EANCode
D-200	5	8720663405081
Drum	250	8720663405074

SG 2 1,0MM

Type	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

Type	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