



# CEWELD G 50

**TYPE** Copper coated welding wire for MAG welding of un and -low alloyed steels with high yield strength

**APPLICATIONS** construction, offshore, car-plate welding, shipbuilding, piping, root welding, bridges, repair, etc...

**PROPRIÉTÉS** Extreme easy to weld with excellent welding properties and increased yield strength. High world wide excepted quality with controlled cast and 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 50 5 M 4Si1
W.Nr.	1.5130
F-nr	6
FM	1

**CONVIENT POUR** Re ≤460 MPa (67 ksi) ISO 15608: 1.1, 1.2, 1.3, 2.1  
 S235JR-S355JR, S235JO-S355JO, S450JO, S235J2-S355J2, S275N-S460N, S275M-S460M, P235GH-P355GH, P275NL1-P460NL1, P215NL, P265NL, P355N, P285NH-P460NH, P195TR1-P265TR1, P195TR2-P265TR2, P195GH-P265GH, L245NB-L415NB, L450QB, L245MB-L450MB, GE200-GE240,  
 A, B, D, E, A 32-E 36  
 ASTM: A 106 Gr. A, B, C; A 181 Gr. 60, 70; A 283 Gr. A, C; A 285 Gr. A, B, C; A 350 Gr. LF1; A 414 Gr. A, B, C, D, E, F, G; A 501 Gr. B; A 513 Gr. 1018; A 516 Gr. 55, 60, 65, 70; A 573 Gr. 58, 65, 70; A 588 Gr. A, B; A 633 Gr. C, E; A 662 Gr. B; A 711 Gr. 1013; A 841 Gr. A; API 5 L Gr. B, X42, X52, X56, X60, X65

**AGRÉMENTS** CE

**POSITIONS DE SOUDAGE**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Ti+Zr
0.08	0.9	1.67	0.01	0.01	0.04	0.02	0.005	0.11	0.001	0.013

**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
				-50°C		
As Welded	560	700	18	60		HRc

**ETUVAGE** Not required

**GAS ACC. EN ISO 14175** M21



# CEWELD G 50

G 50 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663424556
Drum	250	8720663407115