



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...

PROPERTIES Extreme easy to weld with excellent welding properties and increased yield strenght. 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

SUITABLE FOR **Reh ≤ 500 MPa ISO 15608: 1.3, ~3.1, ~2.2, 2.1,**
 1.8900, 1.8901, 1.8902, 1.8903, 1.8905, 1.8907, 1.8910, 1.8912, 1.8915, 1.8917, 1.8930, 1.8932,
 1.8935, 1.8937, 1.8970, 1.8971, 1.8972, 1.8973, 1.8975
 S460N, S420N, S460NL, P460N, StE 420, StE 460, StE 500, TStE 380, S420NL, P460NL1, P420NH,
 P460NH, TStE 420, TStE 460, TStE 500, WStE 380, WStE 420, WStE 460, WStE 500, StE 385.7, StE
 385.7 TM, StE 415, L485ME
 ASTM A 203 Gr. D, E; A 350 Gr. LF1, LF2, LF3; A 420 Gr. WPL3, WPL6; A 516 Gr. 60, 65, 70; A 572 Gr.
 42, 50, 55, 60, 65; A 633 Gr. A, D, E; A 662 Gr. A, B, C; A 707 Gr. L1, L2, L3; A 738 Gr. A; A 841 A, B, C;
 API 5 L X52, X60, X65, X52Q, X60Q, X65Q
 Oceanfit 52, Oceanfit 60, Oceanfit 65, Oceanfit 355, Oceanfit 420, Oceanfit 460, alform plate 460M;
 durostat 400, 450, 500, durostat B2

APPROVALS CE

WELDING POSITIONS

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

MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Impact Energy (J) ISO-V	Hardness
					-50°C	
		As Welded	560	700	18	60

REDRYING Not required

GAS ACC. EN ISO 14175 M21



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G 50 1,2MM

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