CEWELD G 50

certilas® THE FILLER METAL SPECIALIST

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 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

CONVIENT POUR

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

AGRÉMENTS: CE

POSITIONS DE SOUDAGE

ANALYSE CHIMIQUE TYPIQUE DU MÉTAL D'APPORT (%)

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	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V -50°C	Hardness
As Welded	560	700	18	60	HRc

ETUVAGE: 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