CEWELD ER 100 S-G(L)

certilas® THE FILLER METAL SPECIALIST

TYPE	Solid welding wire for welding high strenght fine grain steels.
TOEPASSINGEN	Crane building, pulling equipment, heavy construction, pipe welding, drilling equipment etc.
EIGENSCHAPPEN	Extreme crack resistant alloy with very good deformability properties and excellent welding caracteristics. Weldable under Co2 and Mixed gas.

CLASSIFICATIE

AWS	A 5.28: ER 100S-G
EN ISO	16834-A: G 62 5 M21 Mn3NiCrMo
F-nr	6
FM	2

GESCHIKT VOOR

Reh ≤ 620 MPa ISO 15608: 1.3 (ReH > 360 MPa < 620 MPa), 2.2 ReH > 460 MPa
1.0531,1.0984, 1.0986, 1.8900, 1.8901, 1.8902, 1.8903, 1.8904, 1.8905, 1.8907, 1.8910, 1.8912, 1.8915, 1.8917, 1.8926, 1.8930, 1.8932, 1.8935, 1.8937, 1.8986, 1.8970, 1.8971, 1.8972, 1.8973, 1.8975
TStE 550 WStE 380, WStE 420, WStE 460, WStE 500, WstE 550, 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, PAS 460-550, alform® 500 M, 550 M, aldur 500 Q, 500 QL, aldur 550 Q, 550 QL

GOEDKEURINGEN: CE

LASPOSITIES

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	Cr	Ni	Mo	V
0.08	0.7	1.6	0.6	0.6	0.3	0.03

MECHANISCHE WAARDEN

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V		Hardness
				-40°C	-50°C	
As Welded	650	760	20	80	70	HRc

HERDROGEN: Not required

GAS ACC. EN ISO 14175: M21

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ER 100 S-G(L) 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663417169