certilas® THE FILLER METAL SPECIALIST

CEWELD ER 100 S-G(L)

TYPE	Solid welding wire for welding high strenght fine grain steels.
APPLICATIONS	Crane building, pulling equipment, heavy construction, pipe welding, drilling equipment etc.
PROPERTIES	Extreme crack resistant alloy with very good deformability properties and excellent welding caracteristics. Weldable under CO2 and Mixed gas.

CLASSIFICATION

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

SUITABLE FOR

Reh ≤ 620 MPa ISO 15608: ~3.1, 2.2
1.8864, 1.8873, 1.8881, 1.8928, 1.8977, 1.8924, 1.8909, 1.8984, 1.8926, 1.8904, 1.8986
S500Q-S620Q, S500QL-S620QL, L485MB-L555MB, L485QB-L555QB, 620 M, PAS 460-550
ASTM A 572 Gr. 65; A 633 Gr. E; A 738 Gr. A; A 852;
API 5 L X70, X80, X70Q, X80Q
alform 500 M, 550 M, 600 M, aldur 550 Q, Dillimax 550, Dillimax 500, Domex 500, Domex 550

APPROVALS

CE

WELDING POSITIONS

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

ALL WELD MECHANICAL PROPERTIES

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

REDRYING TEMPERATURE	Not required
GAS ACCORDING EN 14175	M21

CEWELD ER 100 S-G(L)

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

Type	KG/unit	EANCode
BS-300	15	8720663417169