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.
PROPRIÉTÉS	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

CONVIENT POUR

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

AGRÉMENTS: CE

POSITIONS DE SOUDAGE

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

PROPRIÉTÉS MÉCANIQUES

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

ETUVAGE: 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