



# CEWELD ER 100 S-G(L)

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 characteristics. 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	<b>Reh ≤ 620 MPa ISO 15608: ~3.1, 2.2</b> 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						
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 <sub>p0.2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	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