




CEWELD S2

TYPE	Solid wire for submerged arc welding up to 420 MPa yield strength structural steels.					
ANWENDUNGEN	Shipbuilding, piping, root welding, bridges, repair, construction, offshore, etc...					
EIGENSCHAFTEN	Solid drawn and rolled SAW wire with copper coating for improved current carrying capacity. S2 wire can be used with FL 180, FL188, FL 155 and FL 851 depending on the requirements and application. Approvals in combination with FL 188					
KLASSIFIKATION	AWS	A 5.17: EM12, A 5.23: EM12				
	EN ISO	14171-A: S2				
	W.Nr.	1.0494				
	F-nr	6				
	FM	1				
GEEIGNET FÜR	A, B, D, E, St 37 - St 52-3, DIN 17 100, H I, H II, 17Mn4, 16Mo5, DIN 17 155, StE 255 - StE 355, DIN 17 102, GS-38, GS-60, DIN 1681, St 35.8, St 45.8, DIN 17 175, St 37.0 - St 52.0, DIN 1626 / 1629, St 37.4 - St 52.4, DIN 1628 / 1630, StE 290.7 TM - StE 360.7 TM, DIN 17 172, X 52					
ZULASSUNGEN	TÜV: 12523, CE, Lloyds, DNV					
SCHWEISSPOSITIONEN						
TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)	C	Si	Mn	P	S	
	0.1	0.12	1.1	0.015	0.015	
MECHANISCHE GÜTEWERTE	Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V -30°C	Hardness
	As Welded	445	560	24	60	HRC
RÜCKTROCKNUNG	Not required					
GAS ACC. EN ISO 14175						



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S2 1,6MM	Packaging	KG/unit	EanCode
		K-415	27

S2 2,0MM	Packaging	KG/unit	EanCode
	Drum	320	8720663404374
	Drum	450	8720663404381
	K-415	27	8720663404367

S2 2,4MM	Packaging	KG/unit	EanCode
	K-415	27	8720663404404
	Drum	300	8720663404411

S2 3,2MM	Packaging	KG/unit	EanCode
	K-415	27	8720663404428
	Drum	300	8720663404435

S2 4,0MM	Packaging	KG/unit	EanCode
	K-415	27	8720663404459
	Drum	300	8720663404473