CEWELD S2Si

certilas® THE FILLER METAL SPECIALIST

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.

KLASSIFIKATION

AWS	A 5.17: EM12K, A 5.23: EM12K
EN ISO	14171-A: S2Si
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: CE

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

C	Si	Mn	P	S
0.1	0.3	1.1	0.015	0.015

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V		Hardness
				0°C	-20°C	
As Welded	460	600	22	60	50	HRc

RÜCKTROCKNUNG: Not required

GAS ACC. EN ISO 14175