CEWELD S1 CrMo5

certilas® THE FILLER METAL SPECIALIST

TYPE	Copper coated solid wire
APPLICATIONS	Typical applications are found in the oil refinery industry.
PROPERTIES	Submerged arc welding (5% chromium wire) for high temperature creep resistant steels. Flux CEWELD® FL 880

CLASSIFICATION

AWS	A 5.23: EB6
EN ISO	24598-A: S CrMo5
W.Nr.	1.7374
F-nr	6
FM	4

SUITABLE FOR	X12CrMo5, GX12CrMo5 ASTM: A182/A336 Grade F5, A199/A213 Grade T5, A217 Grade C5, A234 Grade WP5, A335 Grade P5, A387 Grade 5
APPROVALS	CE

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	P	S	Cr	Mo
0.08	0.3	0.5	0.01	0.01	6	0.6

MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V	Hardness
				RT	
720°C±15°C 1h	510	630	20	60	HRc

REDRYING	Not required
GAS ACC. EN ISO 14175	

CEWELD S1 CrMo5

S1 CRMO5 2,4MM

Packaging	KG/unit	EanCode
K-415	25	8720663404343

S1 CRMO5 3,2MM

Packaging	KG/unit	EanCode
K-415	25	8720663404336

S1 CRMO5 4,0MM

Packaging	KG/unit	EanCode
K-415	25	8720663404329