



CEWELD SA 420C

TYPE	Solid stainless steel welding wire for submerged arc welding. (Typ 420C)							
TOEPASSINGEN	he best all-purpose steel type for machine element work. Suitable for fairly corrosion resistant overlay welding with a hardness of approx. 54 HRc.							
EIGENSCHAPPEN	CEWELD® SA 420C offers fair general corrosion resistance combined with high hardness and excellent wear properties especially to face metal to metal wear problems . Fused flux CEWELD® FL 880 or agglomerated flux CEWELD® FL 838 can be used.							
CLASSIFICATIE	AWS	A 5.9: ER420						
	EN ISO	14343-B: S 420						
	W.Nr.	~1.4031						
	F-nr	6						
	FM	5						
GESCHIKT VOOR	Shafts, Valves, seats, pistons, Dredging pump casings, continuous casting rollers etc.							
GOEDKEURINGEN								
LASPOSITIES	 							
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Cr	Ni	Mo
	0.43	0.5	0.6	0.02	0.02	13	0.4	0.6
MECHANISCHE WAARDEN	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)		A5 (%)	Hardness	
	As Welded		250	450		15	54 HRc	
HERDROGEN	Not required							
GAS ACC. EN ISO 14175								