

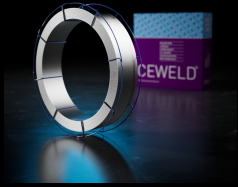


CEWELD SA 430

TYPE	Solid wire for submerged arc welding with 17% Cr.							
APPLICATIONS	Cladding seats, valves, wheels, shafts etc.							
PROPERTIES	Submerged arc welding wire to be used with fused flux FL 880 or agglomerated flux FL 838 flux with excellent welding properties. Stainless deposit with low carbon content. Low heat input is recommended to avoid pronounced grain coarsening. Absence of stabilization means that this steel is distinctly vulnerable to sensitization phenomenon during welding, even though martensite hogs a great amount of carbon and nitrogen.							
CLASSIFICATION	AWS	A 5.9: ER430						
	EN ISO	14343-A: S 17						
	F-nr	6						
	FM	5						
	W.Nr.	1.4016						
SUITABLE FOR	1.4000, 1.4002, 1.4016, 1.4057, 1.4740, 1.4742, 1.4057, 1.4059, 1.4741, 1.4509, 1.4510, 1.4511, 1.4512, 1.4520, 1.4712, 1.4713, 1.4724, X7Cr14, X12Cr13, X17CrNi16-2, X6Cr13, X6CrAl13, X6Cr17, X17CrNi16-2, X2CrTiNb18, X3CrTi17, X3CrNb17, X2CrTi12, X2CrTi17, X10CrSi6, X10CrAlSi7, X10CrAlSi13, X10CrAlSi18 UNS S40300, S40500, S40900, S41000, S42900, S43000, S43035, S43036, S43100, S44200 AISI 403, 405, 409, 410, 429, 430, 430Cb, 430Ti, 439, 431, 442							
APPROVALS	No Approvals Found							
WELDING POSITIONS	<div> PA</div> <div> PB</div>							
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Cr	Ni	Mo
	0.02	0.4	0.46	0.02	0.01	17	0.3	0.3
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)		Hardness Brinell Hardness		
	As Welded /					Avg. 250		
REDRYING TEMPERATURE	Not required							
GAS ACCORDING EN 14175								



CEWELD SA 430

SA 430 3,2MM

Type	KG/unit	EANCode
K-415	25	8720663412072