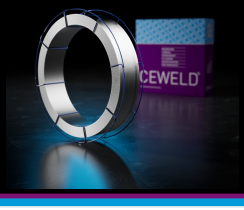


CEWELD SA 430

certilas® THE FILLER METAL SPECIALIST

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

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

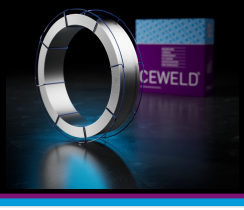
ALL WELD MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ MPa	Rm MPa	A5 (%)	Hardness Brinell Hardness
As Welded /				Avg. 250

REDRYING TEMPERATURE

Not required

GAS ACCORDING EN 14175



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SA 430 3,2MM

Type	KG/unit	EANCode
K-415	25	8720663412072