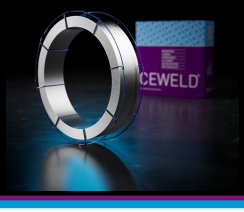


CEWELD SA 430

certilas® THE FILLER METAL SPECIALIST

TYPE

Solid wire for submerged arc welding with 17% Cr.

TOEPASSINGEN

Cladding seats, valves, wheels, shafts etc.

EIGENSCHAPPEN

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.

CLASSIFICATIE

AWS	A 5.9: ER430
EN ISO	14343-A: S 17
W.Nr.	1.4016
F-nr	6
FM	5

GESCHIKT VOOR

1.4000, 1.4002, 1.4016, 1.4057, 1.4113, 1.4057, 1.4059, 1.4332, 1.4502, 1.4509, 1.4510, 1.4511, 1.4512, 1.4520, 1.4523, 1.4712, 1.4713, 1.4724, 1.4740, 1.4741, 1.4742, 1.4842,
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

GOEDKEURINGEN

LASPOSITIES

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

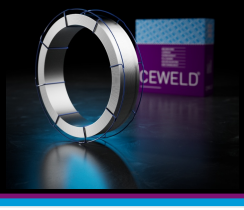
MECHANISCHE WAARDEN

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded	>300	>450	>20	250 HB

HERDROGEN

Not required

GAS ACC. EN ISO 14175



CEWELD SA 430

SA 430 3,2MM

Packaging	KG/unit	EanCode
K-415	25	8720663412072