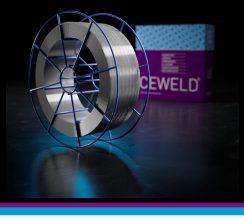


CEWELD 430 LNb

certilas® THE FILLER METAL SPECIALIST

TYPE	Stainless steel welding wire for ferritic steels in the AISI 430 range.(Type 430LNb, 18 LNb)
APPLICATIONS	CEWELD® 430 LNb is developed and designed for the Automotive industry and used for production of exhaust systems and catalytic converters.. The wire should be used when there is a need for good resistance to corrosion and thermal fatigue.
PROPERTIES	CEWELD® 430 LNb offers improved corrosion resistance and higher fatigue strength compared to alloy 18 8 Mn (1.4370).Good corrosion and temperature resistance and excellent weldability are further properties. Due to the risk of grain growth in the molten zone, a wire diameter greater than 1.2 mm should be used.

CLASSIFICATION

AWS	A 5.9: ~ER 430
EN ISO	14343-A: G 18 L Nb
W.Nr.	1.4511
F-nr	6
FM	5

SUITABLE FOR

X3CrNb17 (AISI 430Nb)
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: CE

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

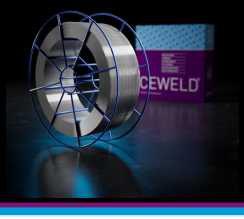
C	Si	Mn	Cr	Ni	Mo	Nb
0.01	0.5	0.7	18	0.15	0.2	0.3

MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded	300	500	15	140 HRc

REDRYING: Not required

GAS ACC. EN ISO 14175: M12



CEWELD 430 LNb

430 LNB 0,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663412102

430 LNB 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663412133