



CEWELD 430 LNb

TYPE Stainless steel welding wire for ferritic steels in the AISI 430 range.

APPLICATIONS 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 Good corrosion and temperature resistance and excellent weldability. Due to the risk of grain growth in the melted zone, welding wire with a diameter larger then 1,2 mm is to be avoided

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 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)	R _m (MPa)	A ₅ (%)	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