



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