



CEWELD 430 LNb

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