



CEWELD 430 Ti

TYPE	Stabilized ferritic filler metal for welding critical applications in exhaust manufacturing.							
APPLICATIONS	Stabilised ferritic stainless steels, Austenitic stainless steels and in both homogeneous and heterogeneous sheet metal configurations (sheets of different grades welded together)							
PROPRIÉTÉS	Suitable for critical applications							
CLASSIFICATION	AWS	A 5.9: ER439, A 5.9: ~ER 430 Ti						
	EN ISO	14343-B: SS439, 14343-A: Z 18 L Ti						
	W.Nr.	~1.4510, 1.4502						
	F-nr	6						
	FM	5						
CONVIENT POUR	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, X 6 Cr Mo 17, 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							
AGRÉMENTS	CE							
POSITIONS DE SOUDAGE	PAPBPC							
ANALYSE CHIMIQUE TYPIQUE DU MÉTAL D'APPORT (%)	C	Si	Mn	Cr	Ni	Mo	Ti	Cu
	0.02	0.7	0.6	18	0.2	0.04	0.5	0.09
PROPRIÉTÉS MÉCANIQUES	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness		
	As Welded		320	480	17	HRc		
ETUVAGE	Not required							
GAS ACC. EN ISO 14175	M13, M12							



CEWELD 430 Ti

430 Ti 0,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663412096

430 Ti 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663412119

430 Ti 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663412126