



CEWELD 310L Tig

TYPE	High heat resistant stainless steel welding wire for Tig welding.(Type 25 /20)						
APPLICATIONS	Common applications include heavily oxidizing media such as pipes in preheaters, coolers and condensers in the chemical industry.						
PROPERTIES	310L has very good resistance to intergranular corrosion, pitting and stress corrosion cracking due to its high chromium and nickel contents.						
CLASSIFICATION	AWS W.Nr.	A 5.9: ~ER 310 ~1.4842					
SUITABLE FOR	ISO 15608: 8.1 Austenitic ≤ 19 % Cr , TÜV 1000: Gr. 21-30, Type: 25% Cr, 22%Ni 1.4710, 1.4713, 1.4724, 1.4726, 1.4742, 1.4745, 1.4762, 1.4823, 1.4826, 1.4828, 1.4832, 1.4835,1.4837, 1.4840, 1.4841, 1.4845, 1.4846, 1.4848, 1.4849, 253MA, X15CrNiSi 25 20, G-X40CrNiSi 25 12, G-X15CrNi 25 20, X8CrNi25-21, GX40CrNiSi22-10, X15CrNiSi20-12, 310, 310S, CK20, 305, 314, 725LN, 316L ASTM A297 HF / A297HJ UNS: S31000, S31008, S31050, S31603						
APPROVALS	CE						
WELDING POSITIONS							
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Cr	Ni
	0.02	0.2	1.6	0.01	0.01	25	21
MECHANICAL PROPERTIES	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness	
	As Welded		400	600	35	HRc	
REDRYING	Not required						
GAS ACC. EN ISO 14175	M21						