




CEWELD AA 310 NiMo

TYPE	Flux cored CrNiMo alloyed welding wire for rebuilding and cladding							
APPLICATIONS	CEWELD® AA 310 NiMo is mainly used for roll coatings against hot wear, preferably in steelworks. Continuous casting rolls, steam turbines, valve seats.							
PROPERTIES	CEWELD® AA 310 NiMo produces corrosion-resistant, medium-hardness 13 % Cr weld metal that does not fatigue, even at high temperatures. Heating the high-chromium martensitic alloy allows the hardness to be adjusted precisely within the range of 43–45 HRC. The interpass temperature should not exceed 450°C. The weld metal is tough and can be machined.							
CLASSIFICATION	EN ISO	14700: T Fe7						
SUITABLE FOR	12%Cr - 2%Ni - 1,0%Mo Steel For roll coatings against hot wear, preferably in steelworks. Continuous casting rolls							
APPROVALS	No Approvals Found							
WELDING POSITIONS	<div> PA</div> <div> PB</div> <div> PC</div>							
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	Cr	Ni	Mo	Nb	V
	0.12	0.5	1	12	2	1	0.2	0.2
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} MPa	R _m MPa	A5 (%)			Hardness Rockwell C	
	As Welded /						Avg. 44	
REDRYING TEMPERATURE	Not required							
GAS ACCORDING EN 14175	M21							