

CEWELD AA 310 NiMo

TYPE	Flux cored CrNiMo alloyed welding wire for rebuilding and cladding										
TOEPASSINGEN	CEWELD® AA 310 NiMo is mainly used for roll coatings against hot wear, preferably in steelworks. Continuous casting rolls, steam turbines, valve seats.										
EIGENSCHAPPEN	<p>CEWELD® AA 310 NiMo produces corrosion-resistant, medium-hardness 13 % Cr weld metal that does not fatigue, even at high temperatures.</p> <p>Heating the high-chromium martensitic alloy allows the hardness to be adjusted precisely within the range of 43–45 HRc.</p> <p>The interpass temperature should not exceed 450°C. The weld metal is tough and can be machined.</p>										
CLASSIFICATIE	EN ISO	14700: T Fe7									
GESCHIKT VOOR	12%Cr - 2%Ni - 1,0%Mo Steel						For roll coatings against hot wear, preferably in steelworks. Continuous casting rolls				
GOEDKEURINGEN											
LASPOSITIONS	  										
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C 0.12	Si 0.5	Mn 1	Cr 12	Ni 2	Mo 1	Nb 0.2	V 0.2			
MECHANISCHE WAARDEN	Heat Treatment As Welded		R _{P0,2} (MPa)	Rm (MPa)	A5 (%)	Hardness 44 HRc					
HERDROGEN	Not required										
GAS ACC. EN ISO 14175	M21										