

# 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** 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.

**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**

**LASPOSITIES**



**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

**MECHANISCHE WAARDEN**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				44 HRc

**HERDROGEN** Not required

**GAS ACC. EN ISO 14175** M21