

Exaton Ni60

Exaton Ni60 is a nickel-chromium-molybdenum strip electrode used for electro-slag welding (ESW) to deposit a second layer corrosion resistant alloy of Ni6625 /UNS N06625 composition on carbon- and low alloyed steels. It can also be used as buffer layer before depositing second layers. Due to the low carbon content of the strip Exaton Ni60 is often used for single layer deposits when the required Fe content in the overlay is less than 10%. The grade is characterized by: – Excellent resistance to stress corrosion cracking in chlorides – Very good resistance to pitting and intergranular corrosion

Specifications

Classifications

SFA/AWS A5.14 : EQNiCrMo-3
 EN ISO 18274 : B Ni 6625 (NiCr22Mo9Nb)

Typical Wire Composition %

C	Mn	Si	S	P	Ni	Cr	Mo	Fe	Nb+Ta
<=0.03	0.2	0.2	<=0.010	<=0.015	>=60	22	9	<=1	3.5