

Exaton NiCrMo-3

NiCrMo-3 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 NiCrMo-3 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)
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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