CEWELD SA Nicro 600 strip

certilas® THE FILLER METAL SPECIALIST

TYPE	Nickel Chromium solid strip
ANWENDUNGEN	This strip is suitable for both electroslag (ESW) and sub arc (SAW) process. Typical applications include cladding of vessels for the petrochemical, refinery and chemical industries
EIGENSCHAFTEN	Weld metal deposited by SA Nicro 600 has high strength and good corrosion resistance, including oxidation resistance and creep-rupture strength at elevated temperatures. Use FL 860 ESHC flux

KLASSIFIKATION

AWS	A 5.14: EQNiCr-3
EN ISO	18274: B Ni 6082 (NiCr20Mn3Nb)
W.Nr.	2.4806

GEEIGNET FÜR

SA Nicro 600 is mainly used for ESW and SAW cladding of carbon steel to obtain corrosion and creep resistant layers. Go to FL 860 ESHC suitable flux
E Ni 6182 (Ni Cr 15 Fe6Mn), E NiCrFe-3
2.4630, 2.4631, 2.4669, 2.4816, 2.4817, 2.4851, 2.4867, 2.4870, 2.4951 ...(1.4816, 1.4864, 1.4876, 1.4583, 1.4886, 1.5637, 1.5662, 1.5680, 1.6900, 1.6901, 1.6903, 1.6906)
NiCr20Ti, NiCr21TiAl, NiCr15Fe7TiAl , NiCr15Fe , LC-NiCr15Fe, NiCr23Fe, NiCr60 15, NiCr80 20, NiCr 10 , NiCr20Ti 1.5637 12 Ni 14, X8Ni9 , 12Ni19 , X12CrNI18 9, GX8CrNi18 10 , X10CrNiTi18 10 , X5CrNi18 10
UNS Nr: K81340 - N06600 - N06601 - N08800 - N08810
ASTM B163, B166, B167 und B168
Alloy 600, Alloy 600 L, Alloy 800 / 800H UNS N06600, N07080, N0800, N0810

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

C	Si	Mn	P	S	Cr	Ni	Nb	Ti	Fe
0.08	0.4	3	0.02	0.01	21	75	2.8	0.2	2

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded	390	650	37	HRc

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175