CEWELD AA NiCro 600

certilas® THE FILLER METAL SPECIALIST

TYPE

Rutile flux-cored nickel base welding wire for gas shielded arc welding.

ANWENDUNGEN

AA NICRO 600 is developed for welding and cladding nickel-based alloys such as alloy 600 or similar materials. This alloy can also be used for welding dissimilar nickel-based alloys to each other, to alloyed steels or to stainless steels. AA NICRO 600 can also be used on difficult to weld steels !

EIGENSCHAFTEN

High mechanical properties with excellent weldability due to improved wetting compare to solid wire.

KLASSIFIKATION

AWS	A 5.34: E NiCr3T1-4
EN ISO	12153-A: T Ni 6082 (NiCr20Mn3Nb) R M21 3
W.Nr.	2.4806
F-nr	43
FM	6

GEEIGNET FÜR

E Ni 6182 (Ni Cr 15 Fe6Mn), E NiCrFe-3, Ni 6082 (NiCr20Mn3Nb)
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 330, Alloy 600, Alloy 600 L, Alloy 800 / 800H UNS N06600, N07080, N0800, N0810

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES SCHWEISSMETALLS (%)

C	Si	Mn	Cr	Ni	Nb	Ti	Fe
0.045	0.3	5.5	16.5	70	2	0.3	2.1

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V		Hardness
				0°C	-196°C	
As Welded	390	650	45	130	125	HRc

RÜCKTROCKNUNG

140°C / 24 hr

GAS ACC. EN ISO 14175

M21

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AA NICRO 600 1,2MM

Packaging	KG/unit	EanCode
BS-300	12,5	8720663418814