



CEWELD AA NiCr 600

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)	R _m (MPa)	A ₅ (%)	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