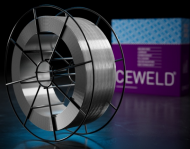


CEWELD NiCrO 600

TYPE	Solid nickel base welding wire for GMAW welding.																	
ANWENDUNGEN	CEWELD NiCrO 600 filler metal is used for welding nickel-chromium-iron (Inconel 600, 601 and 690) alloys to themselves, and for dissimilar welding between nickel-chromium-iron (Monel, Inconel and Incoloy) alloys and steels or stainless steels. The applications include surfacing as well as clad-side welding.																	
EIGENSCHAFTEN	High manganese of this weld deposit reduces the possibility of micro fissures. High toughness at low temperatures (-269 °C). Heat- and high temperature resistant. Good resistance to hotcracking. Temperature limits: 900 °C max.																	
KLASSIFIKATION	AWS	A 5.14: ERNiCr-3																
	EN ISO	18274: S Ni 6082 (NiCr20Mn3Nb)																
	W.Nr.	2.4806																
	F-nr	43																
	FM	6																
GEEIGNET FÜR	Alloy type : Incoloy 800-800H(T) - Inconel 600 - 600L - 601 - Alloy 82- ALLOY 330, 1.4816, 1.4864, 1.4876, 1.4583, 1.4886, 1.5637, 1.5662, 1.5680, 1.6900, 1.6901, 1.6903, 1.6906, 2.4630, 2.4631, 2.4669, 2.4816, 2.4817, 2.4851, 2.4867, 2.4870, 2.4951 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 Alloy 600, Alloy 600 L, Alloy 800 / 800H UNS N06600, N07080, N0800, N0810																	
ZULASSUNGEN																		
SCHWEISSPOSITIONEN																		
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>Cr</th> <th>Ni</th> <th>Nb</th> <th>Ti</th> <th>Fe</th> </tr> </thead> <tbody> <tr> <td>0.04</td> <td>0.1</td> <td>2.9</td> <td>20</td> <td>72.5</td> <td>2.4</td> <td>0.4</td> <td>1.3</td> </tr> </tbody> </table>	C	Si	Mn	Cr	Ni	Nb	Ti	Fe	0.04	0.1	2.9	20	72.5	2.4	0.4	1.3	
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Heat Treatment	R _{P0.2} (MPa)					R _m (MPa)	A ₅ (%)		Impact Energy (J) ISO-V		Hardness							
		RT	-196°C															
As Welded	420	650	35	150	100	HRC												
RÜCKTROCKNUNG	Not required																	
GAS ACC. EN ISO 14175	I1																	



CEWELD NiCro 600

NICRO 600 0,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663418401

NICRO 600 1,0MM

Packaging	KG/unit	EanCode
BS-300	13,6	8720663418425
BS-300	15	8720663418418

NICRO 600 1,2MM

Packaging	KG/unit	EanCode
BS-300	13,6	8720663418449
BS-300	15	8720663418432

NICRO 600 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663418456