








CEWELD Alloy B3

TYPE	Nickel based wire or rod for welding Hastelloy B2 and B3										
APPLICATIONS	Plants for the production and processing of hydrochloric, sulfuric, acetic and phosphoric acids. Plants for ethylbenzene production. Pressure vessels for chloroprene production. Plants for the production of phenol from isopropyl benzene. Pyrolysis plants for the production of acetic anhydride										
PROPERTIES	CEWELD® Alloy B3 is a nickel-base alloy with excellent resistance tot hydrochlorid acid at all concentrations and tempertures. It also withstands hydrogen chloride, sulfuric, acetic, hydrofluoric nd phosphoric acids. The alloy has improved thermal stability, fabricability and stress corrosion cracking resistance.										
CLASSIFICATION	AWS	A 5.14: ERNiMo-10									
	EN ISO	18274: S Ni 1067(NiMo30Cr)									
	F-nr	43									
	FM	6									
	W.Nr.	2.4695									
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SUITABLE FOR	Hastelloy B2, Hastelloy B3 oder B4, Nicrofer® 6629 NiMo29Cr, NiMo28 2.4600, 2.4617 UNS N 10629, N 10629, N10665 ASTM: B 333, B 335, B 564, B 619, B 622, B 626										
APPROVALS	No Approvals Found										
WELDING POSITIONS	<div>PAPBPCPDPF</div>										
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	Cr	Ni	Mo	Ti	V	Fe	W	Co
	0.01	0.08	2	2	68	28	0.1	0.1	2	2	2
ALL WELD MECHANICAL PROPERTIES	Heat Treatment		R _{p0,2} MPa	R _m MPa	A ₅ (%)	Impact Energy (J) ISO-V RT					
	As Welded /		544	824	45	195					
REDRYING TEMPERATURE	Not required										
GAS ACCORDING EN 14175	I1										



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ALLOY B3 0,9MM

Type	KG/unit	EANCode
BS-300	13,6	8720663419873