



CEWELD E Alloy B3

TYPE	Nickel based stick electrode								
TOEPASSINGEN	Hastelloy B2, Hastelloy B3, dissimilar welding Hasteloy to nickel- of iron-based corrosion alloys, for weld overlay cladding								
EIGENSCHAPPEN	E 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.								
CLASSIFICATIE	AWS	A 5.11: E NiMo-10							
	EN ISO	14172: Ni1067 (NiMo30Cr)							
	W.Nr.	2.4695							
	F-nr	43							
GESCHIKT VOOR	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								
GOEDKEURINGEN									
LASPOSITIES	 PA  PB								
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	Cr	Ni	Mo	Fe	W	Co
	0.01	0.1	1.5	2.5	68	27	1.2	1	1
MECHANISCHE WAARDEN	Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V			Hardness	
					RT				
	As Welded	400	700	40	120			HRc	
HERDROGEN	Not required								
GAS ACC. EN ISO 14175									



CEWELD E Alloy B3

E ALLOY B3 3,2 X 355MM

Packaging	KG/unit	EanCode
Can	2,27	8720663419897

E ALLOY B3 4,0 X 355MM

Packaging	KG/unit	EanCode
Can	2,27	8720663419927