





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

F-nr 43 FM 6 W.Nr. 2.4600

SUITABLE FOR Hastelloy B2, Hastelloy B3, dissimilar welding Hastelloy to nickel- of iron-based corrosion alloys, for

weld overlay cladding

APPROVALS No Approvals Found

WELDING POSITIONS



Mn

Si

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

ALL WELD MECHANICAL

PROPERTIES

0.01	0.08	2	2	68	28	U. I	U. I	2	2	2	

Мо

 Heat
 R_{P0,2}
 Rm
 A5
 Impact Energy (J) ISO-V

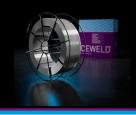
 Treatment
 MPa
 (%)
 RT

 As Welded /
 544
 824
 45
 195

REDRYING TEMPERATURE Not required

GAS ACCORDING EN 14175 11

Со





CEWELD Alloy B3

ALLOY B3 0,9MM

Type	KG/unit	EANCode					
BS-300	13.6	8720663419873					