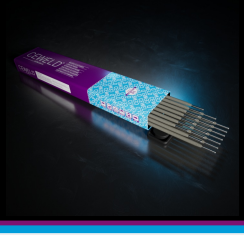

CEWELD E NiCrMo C4

certilas® THE FILLER METAL SPECIALIST

TYPE

Nickel based electrode for NiCrMo C4 welding

APPLICATIONS

CEWELD E NiCrMo C4 is used for welding nickel-chromium-molybdenum alloy, for welding of the clad side of joints in steel clad with nickel-chromium-molybdenum alloy, and for joining nickel-chromium-molybdenum alloys to steel and to other nickel-base alloys

PROPRIÉTÉS

Due to the combination of chromium with high molybdenum content receives CEWELD E NiCrMo C4 exceptional resistance to a variety of chemical media such as contaminated, reducing mineral acids, chlorides and organic as well as inorganic chloride contaminated media.

CLASSIFICATION

AWS	A 5.11: E NiCrMo-7
EN ISO	14172: E Ni 6455
F-nr	43
FM	6

CONVIENT POUR

Alloy C4
ASTM B574, B575, B619, B622, B626
UNS N06455

AGRÉMENTS

POSITIONS DE SOUDAGE

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	P	S	Cr	Ni	Mo	Ti	Fe	Co
0.01	0.11	0.9	0.01	0.001	16.3	Rem.	14.8	0.2	0.5	0.7

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded	430	710	31	HRc

ETUVAGE

140°C / 1 hr

GAS ACC. EN ISO 14175