CEWELD 410 NiMo Tig

certilas® THE FILLER METAL SPECIALIST

TYPE

Solid stainless steel wire for joining and cladding.

TOEPASSINGEN

410NiMo Tig is used for welding similar martensitic and martensitic-ferritic steels in different applications, such as hydro turbines.

EIGENSCHAPPEN

Solid welding wire of the 12% Cr, 4.5% Ni, 0.5% Mo type.

CLASSIFICATIE

AWS	A 5.9: ER410NiMo
EN ISO	14343-A: W 13 4
W.Nr.	1.4351
F-nr	6
FM	5

GESCHIKT VOOR

13%Cr - 4%Ni - 0,5%Mo Steel
1.4000, 1.4001, 1.4002, 1.4313, 1.4317, 1.4407, 1.4413, 1.4414,
GX4CrNi13-4, X3CrNiMo13-4, GX5CrNiMo13-4, GX4CrNiMo13-4, X 6 Cr 13, X 7 Cr 14, X 6 CrAl 13
ACI Gr. CA 6 NM

GOEDKEURINGEN

CE

LASPOSITIES

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	Cr	Ni	Mo
0.02	0.4	0.4	12	4.5	0.5

MECHANISCHE WAARDEN

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V		Hardness
				RT	-20°C	
As Welded	650	790	18	50	38 HRc	
580°C±15°C 8h	780	860	18	50	40	250 HB

HERDROGEN

Not required

GAS ACC. EN ISO 14175

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CEWELD 410 NiMo Tig

410 NIMO TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411952

410 NIMO TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411969

410 NIMO TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411976

410 NIMO TIG 3,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411983