



CEWELD 410 NiMo Tig

TYPE Solid stainless steel wire for joining and cladding.

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

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

CLASSIFICATION

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

SUITABLE FOR 1.4317, 1.4313, 1.4407, 1.4414, GX4CrNi13-4, X3CrNiMo13-4, GX5CrNiMo13-4, GX4CrNiMo13-4
ACI Gr. CA 6 NM

APPROVALS CE

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

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

MECHANICAL PROPERTIES

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	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

REDRYING Not required

GAS ACC. EN ISO 14175 I1



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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