CEWELD AA M410 NiMo

TYPE

Metal cored CrNiMo alloyed welding wire for rebuilding and cladding

APPLICATIONS

AA M410NiMo is a Cr-Ni-Mo- alloyed, gas-shielded metal-cored wire electrode for cladding. The corrosion resistant deposit offers a medium hardness and is resistant against metal-metal wear and high surface pressure. He is used in steel mill rollers, thermoshock resistant and suitable for Francis and Pelton turbines. Used in steam power plants for its excelent resistance to cavitation and stress corrosion cracking.

PROPRIÉTÉS

Good corrosion and abrasion resistance as required by water turbines in hydropower plants.

CLASSIFICATION

AWS	A 5.22: E410NiMoT0-4
EN ISO	17633-A: T 13 4 M M21 2 / T 410NiMo
W.Nr.	1.4313
F-nr	6
FM	5

CONVIENT POUR

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

AGRÉMENTS

POSITIONS DE SOUDAGE

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	P	S	Cr	Ni	Mo
0.06	0.8	1	0.015	0.015	12.5	4.5	0.5

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V	Hardness
				0°C	
As Welded	800	890	19	67	40 HRc

ETUVAGE

140°C / 24 hr

GAS ACC. EN ISO 14175

M21

CEWELD AA M410 NiMo

AA M410 NIMO 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663411785