STRONG FCAW E410NIMO

CLASSIFICATION: AWS SFA 5.22 E410NiMoT1-1/4

STAINLESS STEEL FLUX CORED ARC WELDING WIRE

CHARACTERISTICS

STRONG FCAW E410NiMo is a titania type, all-position, flux-cored wire designed for martensitic stainless steels that typically require 11.5Cr-4.5Ni-0.5Mo stainless steel deposition. 18%Cr-12%Ni-2.5%Mo stainless steels. The weld metal is a Martensitic type alloy resistant to corrosion, erosion, pitting and impact. It has self-detaching slag, spray-like arc transfer, excellent weldability and radiographic weld quality.

APPLICATIONS

STRONG FCAW E410NiMo is suitable for welding of ASTM CA 6NM casting or similar materials and welding of extra low carbon castings and forgings of similar composition. Suitable for surfacing applications like turbine blades, high pressure valves, repair of runners, valve seats, pulp and paper plant equipment.

TYPICAL WELD METAL CHEMISTRY (%)

C	Mn	Si	P	S	Cr	Ni	Mo
0.06 MAX	1.00 MAX	1.00 MAX	0.03 MAX	0.03 MAX	11.0-12.5	4.00-5.00	0.40-0.70

ALL WELD MECHANICAL PROPERTIES

Required as per AWS 5.22	U.T.S. MPa	ELONGATION %
Typical Results PWHT: 600°C for 1 Hr	760	15

PACKAGING SPECIFICATIONS - FCAW

DIA SIZE	1.20MM / 1.60MM
SPOOL WEIGHT	12.5KGS

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