

NICALLOY Mo-10

AWS A/SFA 5.11 ENiCrMo-10

NON FERROUS (Ni Alloys)

CLASSIFICATION:

ISO 14172

E Ni 6022 (NiCr21Mo13W3)

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KEY FEATURES:

- Basic coated non synthetic electrode
- Weld metal is of C-22 type
- Offers excellent corrosion resistance in oxidizing and reducing media
- Spectacular resistance to stress corrosion cracking, pitting and crevice corrosion
- Resistant to corrosion against acetic hydride, acetic and phosphoric acids, hot contaminated sulphuric and other contaminated oxidizing mineral acids
- Versatile product for the chemical, power, petroleum and marine industries

APPROVALS: CE

TYPICAL APPLICATIONS:

- Joining materials of the same nature, e.g. material 2.4602 (NiCr21Mo14W) and these materials with low alloyed steels such as for surfacing on low alloy steels
- Welding components in chemical processes handling highly corrosive media
- Dissimilar joints between Ni-Cr-Mo alloys and stainless, carbon or low alloy steels
- Overlay cladding on carbon, low alloy and stainless steels
- Digesters and paper making equipment, Scrubbers for flue gas desulphurization


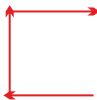
TYPICAL CHEMICAL COMPOSITION OF UNDILUTED WELD METAL, Wt %:

C	Mn	Si	Fe	Ni	Cr	Mo	W
0.015	0.6	0.15	5	59	21.5	13.5	3.0

MECHANICAL PROPERTIES OF ALL WELD METAL:

	Condition	UTS, MPa	EL%
Typical	As Welded	690 min	25 min

PARAMETERS - PACKING DATA:

Ø x L, mm	Amperage, A		
2.5 x 350	45 - 70	 AC (70 OCV)/DCEP	All Positions, except vertical Downwards
3.15 x 350	80 - 100		
4.0 x 350	90 - 130		
		REDRYING CONDITION: 250-300°C for minimum 1 hr.	

Available in Ivory packing of 10 kg box containing 10 cartons of 1 kg each.