

NOUVARC ER70S-6

AWS A5.18/A5.18M ER70S-6

Characteristics & Application

GMAW copper coated wire rod to weld low alloyed standard construction/ boiler steels.

Construction steels for general use, tube steels and ship steels.

It is used for general metal constructions, in the automobile industry, blacksmithing, ship building, etc.

Welding Positions

All

Typical End Chemistry

C %	Mn %	Si %	P %	S %	Ni %	Cr %	Mo %
0.072	1.502	0.850	0.009	0.005	0.010	0.023	0.001
V %	Cu %						
0.002	0.21						

Mechanical Properties

Tensile MPa	Yield MPa	ELONG %
565	450	30

[Values obtained with good operating conditions]

Shielding Gas

80% Ar + 10% Co2 or 100% Co2 (12-15 lpm)

Packing Particulars

Diameter of Wire: in mm 0.80 | 1.0 | 1.20 | 1.60 | 2.00

Packing Norms

Plastic Spools and Drum Pack in
12.5 Kg | 15 Kg | 100 Kg | 250 Kg