

**ROYAL - ER 410 (ER 410)**

AWS / SFA 5.9 ER 410

**Applications**

It is used for welding and surfacing of 13% Chromium steel, turbines, Armature valves and pumps.

**Characteristics on Usage**

Royal ER410 stainless steel solid filler wire rod deposit 12%Cr alloy is an Air hardening steel, pre heat and post weld heat treatments are required to achieve welds of adequate ductility for many engineering purpose.

**Chemical Composition Of Weld Metal**

C%	Mn%	Si%	S%	P%	Cr %	Ni %	Mo
0.12 Max	0.60 Max	0.50 Min	0.030 max	0.030	11.5 – 13.5	0.60 max	0.75

**Mechanical Properties Of Weld Metal**

ELONGATION	U.T.S (Mpa)
20 min	520 min

**Packing**

Each pcks. Contents 5 kg. of wire Rods. special packing will be supply on request