

**ROYAL ER NiCu7 (ER NiCu7)**

AWS –SFA A 5.14 ER NiCu7

**Applications**

Nickel –copper alloys ASME B-127 B- 163, B-164 & B-165 UNS No. 4400 with gas tungsten arc, gas metal arc, submerged arc and plasma arc welding process. The filler metal contain titanium to control porosity with these processes.

**Characteristics on Usage**

This type of filler wire contain 65% Ni, 30% Cu, 3% Mn and 2%Ti gives excellent welding performance and used for welding of f Nickel- copper alloys

**Chemical Composition Of Weld Metal**

C%	Mn%	Si%	S%	P%	Ni %	Al	Cu
0.15 Max	4.0 Max	1.25 Max	0.015 Max	0.020 Max	62.0 - 69.0	1.25 Max	Re

**Mechanical Properties Of Weld Metal**

U.T.S. (N/mm <sup>2</sup> ) 480 Min
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**Packing**

Each Packets content 5 kg of Wire Rods having length 500 mm.,1000mm.