

ROYAL ER Cu (ER Cu)

AWS / SFA 5.7 ER Cu EN ISO 24373 A S Cu 1898

Applications

Deoxidizes copper welding rod used for joining and surfacing of copper. Find application in sheet metal sections, containers etc. Used in chemical, food, paper, textile, brewery and ship building industries. Also suitable for furnace brazing of steels.

Characteristics on Usage

Copper alloy very easy to use. The molten pool is clean and clear. The deposit is tough and free from porosity. Colour and structure of deposit are as of copper.

Packing

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

Chemical Composition Of Weld Metal

Mn%	Si%	P%	Al	Cu %
0.50 Max	0.50 Max	0.15 Max	0.01 Max	98.0 Min.

Mechanical Properties Of Weld Metal

U.T.S. (N/mm ²)	ELONGATION (L = 4d) %
180 - 250	20 - 25