

**ROYAL ER 310 (ER 310)**

AWS –SFA A 5.9 ER 310

**Applications**

It is used for Mig welding of AISI, 310 & ASTM 310 type of plate, sheet, pipes Tubes which are used in Fabricating Equipments for Chemical & pharmaceutical dairy and Fertilizer industries oil, refineries Specially use for root run.

**Characteristics on Usage**

This wire rods is fully austenitic Content 25 % Cr and 20% Nickel and Confirms to AWS SFA 5.9 ER 310 class The weld metal is very good resistance to inter granular corrosion with free from porosity & molten pool.

**Chemical Composition Of Weld Metal**

C%	Mn%	Si%	S%	P%	Cr %	Ni %	Mo
0.08 - 0.20	1.0 - 2.5	0.75 Max	0.030 Max	0.030 Max	25.0 - 28.0	20.0 - 22.5	0.50

**Mechanical Properties Of Weld Metal**

U.T.S. (N/mm <sup>2</sup> )	ELONGATION ( L = 4d ) %
550 Min	30 % Min

**Packing**

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