

ROYAL –ER 308 (ER 308)

AWS –SFA A 5.9 ER 308 EN ISO 14343 A G/W 19 9

Applications

It is used for welding AISI, ASTM 308, 304 type Stainless Steel plate, Sheets, Pipes, Tubes etc. Fabricating Equipments for dairy, Chemical & Fertilizer Industries, Oil refineries, Specially use for root run.

Characteristics on Usage

This wire rods confirms to AWS – SFA 5.9 ER 308 class. The weld metal is very good resistant to inter granular corrosion with free from porosity & molten pool, and controlled ferrite.

Packing

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

Chemical Composition Of Weld Metal

| C% | Mn% | Si% | S% | P% | Cr % | Ni % | Mo % |
|----------|-------------|-------------|----------|----------|-------------|------------|----------|
| 0.08 Max | 1.00 – 2.50 | 0.30 – 0.65 | 0.03 Max | 0.03 Max | 19.5 – 22.0 | 9.0 – 11.0 | 0.75 Max |

Mechanical Properties Of Weld Metal

| U.T.S. (N/mm ²) | ELONGATION (L = 4d) % | Identification Mark |
|--------------------------------|----------------------------|------------------------|
| 520 | 35 | Tip color yellow |