

Nouvarc ER2209

AWS SFA 5.9 ER2209

Characteristics & Application

Very low carbon content solid rod for joining of duplex stainless steels (austenitic – ferritic microstructure).

Resistant in chloride containing media against pitting corrosion as well as crevice and stress corrosion.

It is used for pumps, vessels, piping system, etc. attacked by chloride containing solutions. But also for impellers and other components which require high strength combined with corrosion attack.

Welding Positions

All

Typical End Chemistry

C%	Mn%	Si%	Cr%	Ni%	S%	P%	Mo%
0.012	1.70	0.50	23.00	8.80	0.01 max	0.02 max	3.20

Mechanical Properties

UTS N/mm ²	YS N/mm ²	ELONG %
760 min	600 min	26 min

[Values obtained with good operating conditions]

Shielding Gas

100% Ar (6-12 lpm)

Packing Particulars

Diameter of Wire : In mm 0.80 | 1.0 | 1.20 | 1.60 | 2.00

Packing Norms

Plastic Spools and Drum Pack in
12.5 Kg | 15 Kg | 100 Kg | 250 Kg