

GETIG 308L

IDENTIFICATION

Getig 308L, ER 308L

CLASSIFICATION

AWS /SFA 5.9 ER 308L;

DIN 8556 - 86 WSGX2 CrNi199; BS 2901 - 90 308S92

DESCRIPTION

Extra low carbon austenitic stainless steel filler rod. An extra low carbon 20/10 filler rod which has excellent resistance to intergranular corrosion due to its extra low carbon content. The weld deposit is corrosion and scale resistant and free from porosity. The deposited weld metal meets X-ray/radiographic quality. Good resistance to oxidizing acids and reducing acids.

CHEMICAL ANALYSIS (RANGE) %

C	Mn	Si	S	P	Cr	Cu	Mo	Ni
0.025 max	1.0 - 2.5	0.30 - 0.65	0.020 max	0.030 max	19.5 - 22	0.50 max	0.50 max	9.0 - 11.0

MECHANICAL PROPERTIES (RANGE)

TS (MPa)	EL (%) (L=4D)	CVN Impact Value	
		Temp	Joules
520 min	35 min	20°C	80 - 140
		-196°C	30 - 60

TYPICAL APPLICATIONS

- For welding of 19/10 austenitic stainless steel plates of the type AISI 301, 302, 304, 304L, sheets, pipes and tubes used in chemical plants, fertilizer plants, oil refineries, food and dairy industries.
- Can be used for welding stabilized stainless steel 347 & 321 provided service temperatures for structural application are below 400°C.
- Also used for making furniture, hospital and kitchen equipments etc.

SHIELDING GAS : GAS Argon, 99.99%, 6-12 l/min

PACKING SPECIFICATIONS : Supplied in cut lengths of 1 meter packed in 5 kgs cartons.

PACKING PARAMETERS

Size (mm)	Length (mm)	Packing / Packet (kg)	Packing / Box (kg)
1.6	1000	5	5 x 4 = 20
2	1000	5	5 x 4 = 20
2.40 / 2.50	1000	5	5 x 4 = 20
3.15 / 3.20	1000	5	5 x 4 = 20