

GETIG 308LT

IDENTIFICATION

Getig 308LT, ER 308LT

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	Cr	Ni	Mo	Si	P	S	Cu	Mn
0.025 max	19.5 - 22	9.5 - 11.0	0.50 max	0.30 - 0.65	0.030 max	0.02	0.50 max	1.0-2.5

MECHANICAL PROPERTIES (RANGE)

TS (MPa)	EL (%) (L=4D)	CVN Impact Value	
		Temp	Joules
550 - 640	35 - 45	-196°C	30 - 80

MECHANICAL PROPERTIES

Lateral @ -196°C Expansion 0.38mm (min)

TYPICAL APPLICATIONS

- For cryogenic applications such as fabrication of vessels which need guaranteed impact at -196°C.
- For welding of 19/10 austenitic stainless steel plates of the type AISI 301, 302, 304, 304 L, sheets, pipes and tubes used in chemical plants, fertilizer plants, oil refineries, food and dairy industries.

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

PACKING PARAMETERS

Size (mm)	Length (mm)	Packing / Packet (kg)	Packing / Box (kg)
1.2	1000	5	5 x 4 = 20
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