

## ❖ Product Description

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|---|---|
| I. The wire with extra low carbon 19Cr%, 12%Ni and Mo                                 | III. Has high resistance against inter granular corrosion |
| II. It has good corrosion and pitting resistance in marine and industrial environment | IV. Radiographic weld quality                             |

## ❖ Range of Application

- |   |  |
|---|--|
| I. Good for welding austenitic alloys represented by AISI 316, 316L, 317, 317L, 318 types | III. Can be used in textile processing, naval and chemical environment, paper and pulp, paint and dye industries |
| II. For joining similar grade wrought and cast material                                   | IV. Good for cladding stainless steels   |

## ❖ Classification

- AWS/SFA 5.9 ER316-L

## ❖ % Chemical Composition

Type of Wire		C	Mn	Si	S	P	Cr	Ni	Mo	Cu
ER316-L	Min	-	1.0	0.30	-	-	18.0	11.0	2.0	-
	Max	0.03	2.5	0.65	0.03	0.03	20.0	14.0	3.0	0.75

## ❖ Wire Size & Weld Position

- Diameter in mm-1.6, 2.0 2.40,3.20,4.00 and 5.00.
- All position

## ❖ Current and Gas- Flow Rate

- DCEN & 8-15 lit/min

## ❖ Packaging

Sizes available in cut length of 1000mm	1.60,2.00,2.40,3.20,4.00,5.00			
Packing Code	A		B	
Packing Available	5kg PLASTIC TUBE	20KG BOX	10KG PAPER TUBE	20KG BOX
Net Weight of Wire	5	20	10	20

### Special Note: -

All the value above mentioned are typical values.

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(2) Usually all chemistry and mechanical properties will depend on actual wire chemistry and arc voltage used for welding

## **SHAKUNT ENTERPRISES PRIVATE LIMITED**

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