

## ❖ Product Description

- |   |                                    |
|---|------------------------------------|
| I. Silicon copper alloy rod containing 3% Si              | III. High resistivity to corrosion |
| II. Weld deposits have high strength and good weldability | IV. Radiographic weld quality      |

## ❖ Range of Application

- |  |  |
|--|--|
| I. For welding of plain galvanized steels                              | IV. Surfacing parts in corrosive environment |
| II. In manufacturing of steel cabinets, metal furniture and duct works |  |
| III. For welding of dissimilar metals                                  |  |

## ❖ Classification

- AWS/SFA 5.7 ERCuSiA

## ❖ % Chemical Composition

Type of Wire		Zn	Mn	Sn	Si	Fe	Al	Pb	Cu	Total Other Elements
ERCuSiA	Min	-	-	-	2.8	-	-	-	-	-
	Max	1.0	1.5	1.0	4.0	0.50	0.01	0.02	Bal	0.50

## ❖ Mechanical Properties of all weld metal

Condition	UTS, Mpa (Min)	YS, Mpa (Min)	% Elongation	Charphy "v" Notch Impact @ 0°C
As Welded	345	-	-	-

## ❖ Wire Size & Welding Position

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>Diameter in mm- 1.60,2.00,2.40,3.20,4.00,5.00</li> </ul> | <ul style="list-style-type: none"> <li>Weld Position- All position</li> </ul> |
|---|---|

## ❖ Current & Gas Flow

- DCEN; 8-15lit/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 Notes: -

- All the value above mentioned are typical values.
- Usually all chemistry and mechanical properties will depend on actual wire chemistry and arc voltage used for welding.

## **SHAKUNT ENTERPRISES PRIVATE LIMITED**

**Corporate Office:** - 619/A, EMMAR DIGITAL GREEN, 6th Floor, Sector-61, GURUGRAM (HARYANA)-122102  
E-Mail:- [info@shakunt.com](mailto:info@shakunt.com)

**Ludhiana Works:-** B-XXIX-595/5,Campa Cola Road,Dhandari Kalan Industrial Area-C,Ludhiana (PUNJAB) INDIA

**Dharwad Works:-** Plot no.577 C & D,Belur Industrial Area,Dharwad-580011 (KARNATAKA) INDIA

**Vadodara Works:-** 67-A,G.I.D.C,Majusar,Savli,Vadodara-397115 (GUJARAT) INDIA