

❖ Product Description

- | | |
|--|--|
| I. C-Mn steel solid wire with better mechanical properties | III. The welding is uniform due to smooth wire feeding |
| II. Copper coating is uniform | IV. The weld produced is of Radiography Quality |
| | V. Effectively usable with 100% CO ₂ , Ar+CO ₂ |

❖ Range of Application:

- | | |
|---|---|
| I. Can be used in thin sheet metal and automotive parts | III. Also applicable in Robotic welding, automatic and semi-automatic |
| II. Can be used in pressure vessels, LPG cylinders. | IV. Good for general fabrication works |

❖ Classification:

- AWS/SFA 5.18 ER70S-G

❖ % Chemical Composition

Type of Wire		C	Mn	S	Si	P	Al	Ti	Zi	Ni	Cr	Ca
ER70S-G	Min	0.06	1.40	-	0.80	-	-	-	-	-	-	-
	Max	0.10	1.60	0.025	1.00	0.025	0.007	0.22	0.004	0.015	0.003	0.0002

❖ Mechanical Properties of all weld metal

Condition	UTS, MPa (Min)	YS, MPa (Min)	% Elongation	Charpy "v" Notch Impact @ -30°C
As Welded	490	400	22	27J

❖ Wire Size & Welding 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.

- (1) All the value above mentioned are typical values

- (2) 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

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**