



## ENAR WELD BRAZE PVT. LTD

A-112, DDA INDUSTRIAL SHEDS,  
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## ENAR – Al4047

### Classifications:

AWS/ASTM A5.10: 2012 ER4047  
EN 573-3: EN AW-ALSi12 (A)

ISO 18273:2004 Numeral: S Al 4047  
ISO 18273:2004 Chemical: AlSi12

### Typical Chemistry Composition of Weld Deposit (%):

Si	Fe	Cu	Mn	Mg	Zn	Be	Al
11.00 – 13.00	<0.80	<0.30	<0.15	<0.10	<0.20	<0.0008	Rem.

### Description:

- Lower melting point and narrower freezing range than 4043 wires
- Increased fluidity and reduced shrinkage
- Can be used as a substitute for 4043 wires to increase silicon in the weld metal, minimize hot cracking and produce higher fillet weld shear strength.

### Typical Mechanical Properties:

Proof Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
80	140	20

**Shielding Gas:** Ar/He