



ENAR WELD BRAZE PVT. LTD

A-112, DDA INDUSTRIAL SHEDS,
OKHLA INDUSTRIAL AREA, PHASE – II
NEW DELHI – 110020

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ENAR – Al4043

Classifications:

AWS/ASTM A5.10: 2012 ER4043
EN 573-3: EN AW-AISi5 (A)

ISO 18273:2004 Numeral: S Al 4043
ISO 18273:2004 Chemical: AISi5

Typical Chemistry Composition of Weld Deposit (%):

Si	Fe	Cu	Mn	Mg	Zn	Ti	Be	Al
4.50 – 6.00	<0.80	<0.30	<0.05	<0.05	<0.10	<0.20	<0.0008	Rem.

Description:

- Designed for welding heat-treatable base alloys and including 6XXX series alloys
- Lower melting point and more fluidity than 5XXX series filler alloys
- Low sensitivity to weld cracking with 6XXX series base alloys
- General purpose filler alloy and one of the most widely used welding and brazing alloys
- Excellent when aesthetics are of importance
- Not recommended for material to be anodized

Typical Mechanical Properties:

Proof Strength
(Mpa)
80

Tensile Strength
(Mpa)
120

Elongation
(%)
20

Shielding Gas: Ar/He