



## ENAR WELD BRAZE PVT. LTD

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

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## ENAR – AI5183

### Classifications:

AWS/ASTM A5.10: 2012 ER5183  
EN 573-3: EN AW- AlMg4.5Mn0.7(A)

ISO 18273:2004 Numeral: S Al 5183  
ISO 18273:2004 Chemical: AlMg4.5Mn0.7(A)

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

Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
<0.40	<0.40	<0.10	0.50 – 1.00	4.30 – 5.20	0.05 – 0.25	0.25	<0.15	Rem.

### Description:

- Designed to meet the tensile strength requirements of high magnesium alloys
- Commonly used with 5083 and 5654 base materials
- Used for welding 6XXX series alloys or joining 6XXX to 5XXX

### Typical Mechanical Properties:

Proof Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
135	310	30

**Shielding Gas:** Ar/He