

❖ Product Description

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| <ul style="list-style-type: none"> I. A wire produced to give high strength to various magnesium alloys II. Provides high strength, toughness for impact resistance | <ul style="list-style-type: none"> III. Also good resistance to corrosion IV. The weld is Radiographic quality |
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❖ Range of Application

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| <ul style="list-style-type: none"> I. Suitable for marine and structural welding application II. For ship building, mobile machineries | <ul style="list-style-type: none"> III. Also suitable for application which involves high impact fracture and exposure to corrosive environment IV. In automobile industry |
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❖ Classification

- AWS/SFA 5.10 ER5183

❖ Chemical Composition

Type of Wire		Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Be	Al	Other Each	Other Total
ER5183	Min	-		-	0.50	4.3	0.05	-	-	-	Rem	-	-
	Max	0.40	0.40	0.10	1.0	5.2	0.25	0.25	0.15	0.0003	-	0.05	0.15

❖ Wire Size & Weld Position

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| <ul style="list-style-type: none"> • Diameter in mm-
1.60,2.00,2.40,3.20,4.00,5.00 | <ul style="list-style-type: none"> • All position |
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❖ 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	2KG PLASTIC TUBE	8KG BOX	4KG PAPER TUBE	8KG BOX
Net Weight of Wire	2	8	4	8

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.

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