SOLID WIRE
MIG

AlMg5 (5356)

ALUMINIUM ALLOYS

INVEST IN THE FUTURE

Solid copper coated wire for gas welding of aluminium-magnesium alloys, homogeneous at 5% Mg content or heterogeneous. Its excellent mechanical properties and resistance to corrosion make it an ideal material for marine construction, rail industry (carriages), and road transport.

Classification

AWS 5.10 : ER 5356
EN ISO 18273 : S Al 5356
DIN 1732 : SG-AlMg5

S200 - S300

S100

Applications

- Shipbuilding,
- Storage tanks,
- Railway construction,
- Transport industry (skips and trailers).

Benefits

- Excellent resistance to corrosion.
- Very good mechanical properties.

Polarity

DC +

Chemical properties

Al %	Mg %	Mn %	Cr %	Ti %
Base	5.00	0.35	0.10	0.15

Mechanical properties

Re	Rm	A 5 d
110 Mpa	250 Mpa	25 %

Recommandations

Gas protection is compliant with EN ISO 14175
100% Argon (I1)

Approval

TÜV - DB - UDT

Packaging

Wire reel type			Wire diameter (mm)			
weight (kg)			Ø 0.6	Ø 0.8	Ø 1.0	Ø 1.2
0.5	S100	—	—	086548	—	—
2	S200	—	—	086555	086562	—
7	S300	—	—	—	086524	086531

CE

MADE in CHINA

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