SOLID WIRE
MIG

AlSi12 (4047)

ALUMINIUM ALLOYS

INVEST IN THE FUTURE

Solid wire for gas welding of aluminium-magnesium alloys up to 12% silicon concentration. It is recommended for cast iron repairs or undefined aluminium alloys, which are common in the agricultural maintenance sector .

Classification

AWS 5.10 : ER 4047
EN ISO 18273 : S Al 4047
DIN 1732: SG-AlSi12

S100

S200 - S300

Applications

- Maintenance de matériel agricole,
- Réparation pièces de fonderie.
- Car Body work.

Benefits

- Good flow.
- High cooling speed.
- Good resistance to corrosion.
- High quality weld.

Polarity

DC +

Chemical properties

Al %	Si %	Mn %
Base	5.00	0.20

Mechanical properties

Re	Rm	A 5 d	KV 20°C
100 Mpa	200 Mpa	5 %	20 J

Recommandations

Gas protection compliant with EN ISO 14175
100% Argon (I1) : 14 - 24 l/min.

Approval

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	—	—	086678	—	—
2	S200	—	—	—	086067	086074
7	S300	—	—	—	—	086043

CE

MADE in CHINA

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