SOLID WIRE
MIG

AlSi5 (4043)

ALUMINIUM ALLOYS

INVEST IN THE FUTURE

Solid wire for gas-shielded MIG welding of aluminium-magnesium alloys up to 7% silicon concentration. It is commonly used for cast-alloy repairs.

Classification

AWS 5.10 : ER 4043
EN ISO 18273 : S Al 4043 (AlSi5)
DIN 1732 : SG-AlSi5

S100

S200

Applications

- Cast-alloy repairs.
- Automotive.

Benefits

- Excellent weld-bead aesthetics.
- Good thermal conductivity of the filler metal.
- Very smooth free-flowing weld pool.

Polarity

DC +

Chemical properties

Al %	Si %
Base	5.00

Mechanical properties

Re	Rm	A 5 d	KV 20°C
100 Mpa	160 Mpa	15 %	20 J

Recommandations

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

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	—	—	086685	—	—
2	S200	—	—	—	086142	086159

CE

MADE in CHINA

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