

MAL 4043

Gazaltı (MIG) Kaynak Teli - Aluminium Alloys

Standards

AWS/ASME SFA - 5.10	ER4043
EN ISO 18273	S Al 4043 (AlSi5)
TS 6204 EN ISO 18273	S Al 4043 (AlSi5)
DIN M. No.	3.2245

Applications

5% Siliconcontaining aluminium wire electrode for GMA (MIG) welding of aluminium and aluminium alloys. Suitable fore welding aluminium casting, containing up 7% silicon and Al-Mg-Si alloys which are containing <2% alloying elements

Materials

DIN	Material
G-AlSi 5 Mg	3.2341
AlMgSi 0,5	3.3206
AlMgSi 0,7	3.3210
AlMgSi 0,8	3.2316
AlMgSi 1	3.2315
AlMg 1 Si Cu	3.3211
AlMn 1	3.0515
Al 99.0	3.0205
Al 99.5	3.0255
Al Zn 4.5 Mg 1	3.4335
G - Al Si 6 Cu 4	3.2151
G - Al Si 5 Mg	3.2341

Typical Mechanical Values of Weld Metal

Test Condition	Protection Gas	Tensile Strength (N/mm ²)	% 0,2 Akma Dayanımı (N/mm ²)	Elongation A5 (%)
As welded	I1	> 120	> 40	> 8

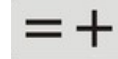
* Kimyasal kompozisyon ve mekanik özellikler EN ISO 14175 - I1 (%100 Ar) koruyucu gazının kullanılması durumunda geçerlidir.

Application Information

Welding Positions



Polarity:



Protection Gas:
I3 I1 I2

Welding Parameters & Efficiency

Diameter (mm)

0.80
1.00
1.20
1.60
2.00

Packaging Information

Product Code	Diameter (mm)	Quantity per Box	Box Gross Weight (Kg)	Boxes per Outer Box	Outer Box Gross Weight (Kg)	Packaging Type
2400101M15	0.80	7 KG	7.10	1	7.10	Wire Basket Spool (K300MS)
2400103M15	1.00	7 KG	7.10	1	7.10	Wire Basket Spool (K300MS)
2400105M15	1.20	7 KG	7.10	1	7.10	Wire Basket Spool (K300MS)



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2400110M15	2.00	7 KG	7.10	1	7.10	Wire Basket Spool (K300MS)
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Storage & Re-Drying Information

Shouldn't be exposed to high statical load and impact.
It should be stored in a dry room (relative humidity < 50%, room temperature > 20°C) on wooden pallets.



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