

MAL 5556

Gas Metal Arc (MIG) Welding Wire - Aluminium Alloys

Standards

AWS/ASME SFA - 5.10	ER5556
EN ISO 18273	S Al 5556 (AlMg5Mn1Ti(A))
TS 6204 EN ISO 18273	S Al 5556 (AlMg5Mn1Ti(A))
DIN M. No.	~3.3548

Properties and Applications

5% Magnesium containing aluminium welding wire for GMA (MIG) welding of Al-Mg alloys and Al-Mg-Zn alloys. Have a good corrosion resistance especially in sea water and gives excellent ductility.

Typical Chemical Features of the Welding Wire

Type of Analysis	Si	Mn	Cr	Ti	Al	Cu	Zn	Fe	Mg
Welding Wire	0.05	0.65	0.07	0.07	94.13	0.01	0.006	0.11	4.90

Typical Mechanical Values of Weld Metal

Test Condition	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation A5 (%)
As welded	130	290	28

Application Information

Welding Positions

PA PB PC PD PE PF PG

Polarity:

Welding Parameters & Efficiency

Diameter (mm)
1.00
1.20

Packaging Information

Product Code	Diameter (mm)	Quantity per Box	Box Gross Weight (kg)	Boxes per Outer Box	Outer Box Gross Weight (kg)	Packaging Type
24005DJAM5	1.00	7 kg	7.60	1	7.60	Wire Basket Spool (K300MS)
24005EJAM5	1.20	7 kg	7.60	1	7.60	Wire Basket Spool (K300MS)

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.