



Nexus 5356

5 Mg Aluminium wire for MIG and TIG welding applications

Aluminium 5356 wire for welding wrought and cast Aluminium alloys of a similar composition.

International Standards

EN ISO 18273:2004	AWS A5.10-99
S Al 5356 (AlMg5Cr(A))	ER 5356

Typical Wire Analysis (wt%)

Al	Si	Mg	Mn	Cu	Fe	Zn
Bal	0.16	5.0	0.1	0.05	0.16	0.1

Typical Wire Mechanical Properties

Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation %
110	230	20

Welding Positions

All Positions

Materials

All Magnesium bearing wrought and cast Aluminium alloys 5251, 5454, 5154, 6063, 6061, 6070, LM5

Packaging

Size mm (MIG)	0.8	1.0	1.2	1.6
Plastic spools 0.5 Kg	✓	✓	✓	-
Plastic spools 7.0 Kg	✓	✓	✓	✓

Size mm (TIG)	1.6	2.4	3.2
Plastic Tube 2.5 Kg	✓	✓	✓

Additional Information

Certification	BS EN 10204:2004 Type 3.1
Material safety data sheet	MSDS 03
BOC Shielding Gas MIG	<2mm Alushield Light (3-6mm) Alushield Universal (5-12mm) Alushield Heavy (>10mm)
BOC Shielding Gas TIG	Pureshield Argon

Notes

Suitable for applications that require anodising following welding.
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