

## PRODUCT INFORMATION

### SIF Magnesium No 23

AZ61A

#### DESCRIPTION

This magnesium rod with 6% aluminium is suitable for welding magnesium aluminium alloy casting of similar composition e.g. G-Mg-Al 3 to 1, G-Mg Al5Mn. This product has good weldability when used with wrought alloys for ambient use.

#### WELDING POSITIONS



For use in all positions.

#### TYPICAL WELD METAL COMPOSITION

Al	5.8 - 7.2%
Zn	0.4 – 1.50%
Mn	0.15% Min
Mg	Bal

#### TYPICAL MECHANICAL PROPERTIES

Melting Point	600°C
Ult Tensile Strength	280 N/mm <sup>2</sup>

#### MATERIAL TO BE WELDED

Used in the auto industry, aerospace and mechanical engineering, specialised in engines and gearboxes, panels, and as construction material.

#### AVAILABLE FORMATS

WIRE RODS		
Dia	12 Rod/Pack	1kg
3.0mm	RO233212	RO233201

Shielding Gas :	Ar
Current:	DC=-

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email [service@weldability-sif.com](mailto:service@weldability-sif.com)

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