

PRODUCT INFORMATION

SIFAlumin No37

EN ISO 178273 S Al 5556A (AlMg5Mn)
BS 2901 5556

DESCRIPTION

An aluminium alloy containing 5.3% magnesium for welding aluminium alloys with up to approx 5% magnesium that are not age hardenable and alloys where a higher tensile strength is required.
All elements are closely controlled for optimum weld strength.

WELDING POSITIONS



Suitable for all positions.

TYPICAL WELD METAL COMPOSITION

Si	0.25%
Mn	0.8%
Cr	1.3%
Cu	0.1%
Ti	0.13%
Zn	0.2%
Fe	0.4%
Mg	5.3%
Al	Bal

TYPICAL MECHANICAL PROPERTIES

Melting Point	620°C
Ult Tensile Strength	300 N/mm ²
Hardness	70

MATERIAL TO BE WELDED

Suitable for use in the marine atmosphere, where good corrosion resistance is required.
Used for marine castings and fabrication, and also on 5083 (N8).

AVAILABLE FORMATS

WIRE RODS		
Dia	1kg	2.5kg
1.6mm	RO371601	RO371625
2.4mm	RO372401	RO372425
3.2mm	RO373201	RO373225

Shielding Gas :	Ar/ArHe
Current :	AC

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



Doc Ref : SIF/PSI/RO371601