



PRODUCT INFORMATION

SIFMIG 5556

EN ISO 18273: S Al 5556A (AlMg5Mn)
BS: 2901: 5556

DESCRIPTION

An Aluminium alloy containing 5.3% Magnesium and a normal 0.8% Manganese. All elements are closely controlled for optimum weld strength. Produces a higher strength weld metal than standard 5% Mg 5356 alloy

WELDING POSITIONS



Ensure that the parent metal surface is cleaned and fully degreased prior to welding. Clean joints with a stainless steel brush.

TYPICAL WELD METAL COMPOSITION

Mg	5.3 %
Mn	0.8 %
Cr	0.1 %
Ti	0.1 %
Al	Bal

TYPICAL MECHANICAL PROPERTIES

Melting Point	640 °C
Ult Tensile Strength	300 N/mm ²
Hardness	70

MATERIAL TO BE WELDED

Normally used on 5083 (N8) and for military applications when full maintaining strength is required. 5083 is an alloy widely used in structural applications

AVAILABLE FORMATS

SPOOLED WIRE (MIG / GMAW)			
Dia	0.5kg	2.0kg	6.5kg
1.0mm			WO371065
1.2mm	WO371205	WO371220	WO371265
1.6mm			WO371665

Current :	DC = +
Shielding Gas:	Argon, Argon/Helium

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email service@wholeweld.co.uk

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