


AlMg 5 Tig

CATEGORY	GMAW-GTAW Solid wires																																								
TYPE	Tig filler metal for welding Aluminium Magnesium alloys.																																								
APPLICATIONS	Filler metal for welding Aluminium alloys with maximum 5% Magnesium. This Magnesium alloyed Aluminium wire, thanks to its excellent corrosion resistance and its high mechanical properties is mainly used in ship yards, car and railway industry.																																								
PROPERTIES	Excellent weldability and good mechanical strength combined with good corrosion resistance are typical for this alloy. The weld deposit is free from porosity due to the special shaving process and cleaning method during production. AlMg5 is one of the most popular types within the range of aluminum alloys and covers a weight range of alloys. Thicker sections should be preheated (150°C) prior to welding.																																								
CLASSIFICATION	AWS	A 5.10: ER 5356																																							
	EN ISO	18273: S Al5356 (AlMg5Cr(A))																																							
	DIN: W.Nr.	3.3556																																							
	DIN	1732: SG-AlMg5																																							
SUITABLE FOR	Aluminium alloys: AlMg3, AlMg4, AlMg5, AlMgMn, AlZnMg1, G-AlMg3Si, G-AlMg5Si, G-AlMg10, AlMg1SiCu, AlMgSi0,7, AlZn4,5Mg1, AlSi1MgMn, AlSiMg(A), 3.3545, 3.3206, 3.3210, 3.2315, 3.3211, 3.4335, EN AW 5086, EN AW 6060, EN AW 6005A, EN AW , EN AW 6061, EN AW 7020, EN AC 51400, EN AC 51300, EN AC 51100, EN AW 5454																																								
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