


CATEGORY	GMAW-GTAW Solid wires																																								
TYPE	Mig 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. Thicker sections should be preheated (150°C) prior to welding.																																								
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.																																								
CLASSIFICATION	AWS	A 5.10: ER5356																																							
	EN ISO	18273: S Al 5356 (AlMg5Cr(A))																																							
	F-nr	22																																							
SUITABLE FOR	Aluminium alloys: AlMg3, AlMg4, AlMg5, AlMgSi1, AlMgSi0,5,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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REDRYING TEMPERATURE	Not required																																								
GAS ACCORDING EN 14175	I1, I3																																								