


AlMg3 Tig

CATEGORY	GMAW-GTAW Solid wires																															
TYPE	Tig filler metal for welding Aluminium Magnesium alloys.																															
APPLICATIONS	Suitable for base metals with maximum 3% Mg. These alloys are suitable for a big range of applications in the construction sector, in general, and in the structural industry. Widely used in ship and vessel building.																															
PROPERTIES	This alloy offers excellent weldability when properly cleaned prior to welding. Heavy parts and thicker plates should be preheated (150°C), prior to welding. The alloy shows good corrosion-resistance and an excellent colour-uniformity after anodizing. AlMg3 offers also good resistance against seawater.																															
CLASSIFICATION	AWS	A 5.10: ER 5654																														
	EN ISO	18273: S Al 5754-AlMg3																														
	DIN: W.Nr.	3.3536																														
	DIN	1732: SG-AlMg3																														
SUITABLE FOR	Aluminium alloys: AlMg Mn, AlMg 3Mn, AlMg1, AlMg2, AlMg2,7Mn, AlMg3, AlMg3,5, AlMgSi0,5, AlMgSi0,8, G-AlMg3Si, 3.3315, 3.3535, 3.3206, 3.3541, EN AW 5005A, EN AW 5754, EN AW 6060, EN AC 51100, EN AW 5454, EN AW 5251																															
APPROVALS	CE approved																															
WELDING POSITIONS:																																
ALL WELD DEPOSIT (WEIGHT %)	<table border="1"> <thead> <tr> <th>Al</th> <th>Si</th> <th>Fe</th> <th>Cu</th> <th>Mn</th> <th>Mg</th> <th>Cr</th> <th>Zn</th> <th>Ti</th> <th>others</th> </tr> </thead> <tbody> <tr> <td>Rem</td> <td><0.4</td> <td><0.4</td> <td><0.1</td> <td><0.5</td> <td>2.6-3.6</td> <td><0.3</td> <td><0.2</td> <td><0.15</td> <td><0.15</td> </tr> </tbody> </table>		Al	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	others	Rem	<0.4	<0.4	<0.1	<0.5	2.6-3.6	<0.3	<0.2	<0.15	<0.15										
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