

DATA SHEET

SW ML 5356 AlMg5Cr 2kg Ø1,2mm

097-580011-20012

- MIG solid wire electrode, aluminium
- Shaved several times
- High strength and significantly improved seawater resistance
- Mainly for welding Al-Mg alloys with max. 5% Mg
- Suitable for anodising
- Not resistant to stress corrosion cracking at >65°C
- **Fields of application:**
 - Shipbuilding, offshore, automotive industry, rail transport



Standards	DIN EN ISO 18273 - S AL 5356 (AlMg5Cr)									
	AWS A-5.10 - ER 5356									
Material number	3.3556									
Welding positions	PA / PB / PC / PF									
Polarity	DC+									
Ø	1.2 mm									
Chemical analysis (in %)	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others
	<0.25 %	<0.4 %	<0.1 %	<0.05 % - 0.2 %	<4.5 % - 5.5 %	<0.05 % - 0.2 %	<0.1 %	0.06 % - 0.2 %	Remainder	<0.015 %
Shielding gas	I1									
	I2									
	I3									
Tensile strength, Rm	≥240 MPa									
Expansion, A5	17 %									
Approvals	CE / DNV-GL / ABS / DB / TÜV / Bureau Veritas									
Packing drum	S200									
Weight	2 kg									
Base materials	AlMg5 AlMg3 AlZnMg1 AlZnMgCu0,5 AlMgSi0,7 AlMg1SiCu G-AlMg10 G-AlMg3Si G-AlMg5Si									