




CEWELD AIMg 3 Tig

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 excelent 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. CEWELD® AIMg3 Tig offers also good resistance against seawater.				
CLASSIFICATION	AWS	A 5.10: ER5754			
	EN ISO	18273: S Al 5754 (AlMg3)			
	F-nr	22			
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				
WELDING POSITIONS					
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	Al		Mg		
	Rem.		3.2		
MECHANICAL PROPERTIES	Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness
	As Welded	80	190	20	HRc
REDRYING	Not required				
GAS ACC. EN ISO 14175	I1, I3				



CEWELD ALMg 3 Tig

ALMG 3 TIG 1,6 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407313
ALMG 3 TIG 2,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407320
ALMG 3 TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407344
ALMG 3 TIG 3,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407351
ALMG 3 TIG 4,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407368
ALMG 3 TIG 5,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407375