



CEWELD AlMg 5 Tig

TYPE Tig filler metal for welding Aluminium Magnesium alloys.

ANWENDUNGEN 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.

EIGENSCHAFTEN 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.

KLASSIFIKATION

AWS	A 5.10: ER5356
EN ISO	18273: S Al 5356 (AlMg5Cr(A))
F-nr	22

GEEIGNET FÜR Aluminium alloys: AlMg3, AlMg4, AlMg5, AlMgSi0.5, AlMgSi1; AlMgMn, AlZnMg1, G-AlMg3Si, G-AlMg5Si, G-AlMg10, AlMg1SiCu, AlMgSi0.7, AlZn4.5Mg1, AlZnMg4.5Mn, AlZn5.5Mg1, 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 AW 7021 EN AC 51400, EN AC 51300, EN AC 51100, EN AW 5454

ZULASSUNGEN CE

SCHWEISSPOSITIONEN



TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

Si	Mn	Cr	Ti	Al	Mg
0.2	0.1	0.1	0.1	Rem.	5

MECHANISCHE GÜTEWERTE

Heat Treatment	R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded	127	285	27	HRc

RÜCKTROCKNUNG Not required

GAS ACC. EN ISO 14175 I1, I3



CEWELD ALMg 5 Tig

ALMG 5 TIG 1,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407382
ALMG 5 TIG 1,6 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407399
ALMG 5 TIG 2,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407405
ALMG 5 TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407412
ALMG 5 TIG 3,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407429
ALMG 5 TIG 4,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407436
ALMG 5 TIG 5,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663407443