



## Solid Mig /Tig welding wire

### Ceweld AlMg5

**Designation:** AA 5356; UNI S - Al Mg 5; BS 2901 Pt. 4 5356; AFNOR AG 5; DIN S Al Mg 5

**Description:** Mig /Tig filler metal for welding Aluminium alloys with maximum 5% Magnesium. This Magnesium alloyed Aluminium, thanks to its excellent corrosion resistance and its high mechanical properties is mainly used in ship yards, car and railway industry.

**Chemical composition [%]:**

Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Be	others	Al
0,2	0,4	0,1	0,05-2	4,5-5,5	0,05-0,2	0,1	0,06-0,12	0,0008	0,15	rest

Note: maximum value if not specified

**Mechanical properties:**

Rm [N/mm <sup>2</sup> ]	Rp 0,2 [N/mm <sup>2</sup> ]	A [%]	T <sub>f</sub> [°C]
275 - 315	115 - 140	25 - 35	562 - 633

Note: mechanical properties of continuous cast redraw rod

<b>Operating conditions:</b>			
Current type		Gas flow rate	Gas type
DC(+) Mig	AC Tig	10 – 20 l/min.	Argon 4.8/5.0/5.3/5.6/6.0

**Sizes:** Mig: 0,8 mm, 1,0 mm, 1,2 mm, 1,6 mm  
 Tig: 1,6 mm, 2,0 mm, 2,4 mm, 3,2 mm, 4,0 mm

**Package:** D-100, D-200, K-300, D-300, Drums