

## AlMg5

## Aluminium MIG/MAG-Wire TIG-Rods

### Specifications:

DIN 1732: SG-AlMg 5  
 Alloy-No. 3.3556  
 AWS A-5.10 ER 5356  
 EN ISO 18273 (2004) : AlMg5Cr(A)

### Application:

Joining of Al-Mg-alloys

### Chemical Composition Element by weight (%):

Mn: 0,30 Mg: 5,00 Ti: 0,15 Al: Rest

### Mechanical Properties: (typical)

0,2% Elongation (Rp0,2)	100 N/mm <sup>2</sup>
Tensile Strength (Rm)	250 N/mm <sup>2</sup>
Elongation (A) (lo=5do)	25%
High temp.	100°C
Low temp.	-196°C

### Approvals:

MIG / WIG TÜV, DB, CE-Zeichen

### Shielding Atmosphere:

TIG-rods	(EN439) I 1
MIG/MAG-wire	(EN439) I 1 / I 3

### Typical Base Mat.:

AlMg3 AlMg5 AlMg4.5Mn AlZn4.5Mg1  
 AlMgSi0,5 AlMgSi0,7 AlMgSi1  
 AlMg1SiCu G-AlMg3(Si) G-AlMg5(Si)  
 AlMg2.7Mn (check corrosion resistance)

### Packaging:

MIG/MAG: spools D 100 / D 200 / K 200 / K 300  
 TIG: 10-kg-boxes