

# TECHNICAL SHEET

## AlMg3



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**Product name**

AlMg3

**Class of product**

Al-Mg alloy for MIG/TIG welding.

**Corresponding standards**

DIN 1732 SG-AlMg3

AWS A5.10 ER 5754

**Nominal composition (weight %)**

Al: Bal.

Si: 0,4

Mg: 3

Mn: 0,5

**Physical and mechanical properties**

Tensile Strength:  $R_m = 190 / 250 \text{ N/mm}^2$

Yield Strength:  $R_{p0,2} = 95 / 130 \text{ N/mm}^2$

Melting range: 560 – 630 °C

**Range of application:**

Al-Mg alloy for MIG/TIG welding of Al-Mg, Al-Mn, Al-Mg-Si and Al-Zn-Mg alloys with Mg content up to 3%. Well suitable for welding base metals of the 5000 and 6000 series, which have to undergo an anodic treatment. It maintains a shiny appearance after the anodic treatment.

**Characteristics Make-up:**

Rods & Wires

The above data are subject to change without notice by Spring.

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