

TECHNICAL DATA

Specification

Material No.: 3.3548

1732: SG-AMg4.5Mn / AMg4.5Mn0.7

A 5.10: ER 5183

Welding wire with high corrosion resistance, drawn out of MIG Aluminium welding wire.

Field of Applications

Filler metal for Magnesium and Manganese alloyed Aluminium with a maximum Magnesium content of 5%. This alloy shows an excellent weldability and good mechanical strength combined with good corrosion resistance against seawater. This wire is ideal for joint welding of Aluminium-Magnesium alloys and for Aluminium-casting alloys.

Mechanical Properties

| | |
|--|---------|
| Tensile strength Rm (N/mm ²) | 300 |
| Proof strength Rp (N/mm ²) | 125-145 |

| Composition in % | | | | |
|------------------|---------|---------|---------|---------|
| Al Rest | Mn 0.80 | Cr 0.25 | Ti 0.25 | Mg 4.50 |

Compatible Materials:

Aluminium

Available Sizes:

MA125 Spools: Ø mm 0.3 / 0.4 / 0.5 / 0.6



EN 10204/3.1 2005 Quality Certified



e-version