

## QuAlMg5

EN ISO 18273 S Al 5356 (AIMG5); AWS/SFA5.10 ER5356; M-No. 3.3556

is suitable for the welding of Aluminium-Magnesium-Alloy.  
The weld is salt water resistant. It is suitable for approximate ton-in-ton welds on anodal, oxidable (anodised) materials.

### Recommendation for basic materials

E-AlMgSi; AlMgSi0,8; AlMg1; AlMg5; AlMgSi0,7; AlMgSi1; AlMg1SiCu;  
AlMg1,5; G-AlMg3; G-AlMg5; G-AlMg10; AlMg1,8; AlMg4,5; AlMg2Mn0,3

### Rework

Material-typical treatment

### Material analysis in %

Si	Cu	Mg	Mn	Ti	Fe	Al
0,2	0,05	5,0	0,15	0,10	<0,4	Rest

(test certificates upon request.)

### Standard / Mechanical values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	N/mm <sup>2</sup>	110
Tensile strength Rm	N/mm <sup>2</sup>	250
Elongation A (Lo = 5do)	%	18
Hardness untreated	HRC	

### Following standard:

#### Laser welding wires

rods: 333 mm / 1.000 mm special lengths upon request  
spool: K80 / K125 / K250 / SH253 / MA125

The reported values were determined by the manufacturer and / or by a neutral Laboratory.  
We cannot guarantee for the accuracy.