

QuAlMg4,5Mn

(W.-Nr.3.3547)

is suitable for welding Aluminium-Magnesium-Alloy.

Recommended for basic materials:

AlMg2,7Mn; AlMg3; AlMg4,5Mn; AlMg5; AlMgSi0,7;
AlMgSi1; AlMgSiCu; AlZn4,5Mg1; G-AlMg3; G-AlMg5

Rework

Material analysis in %

Si	Fe	Cu	Mg	Mn	Cr	Zr	Ti	Zn	Al
0,25	0,4	0,05	4,5- 5,2	0,7- 1,1	0,05- 0,25	0,1- 0,2	0,15	0,25	Rest

(test certificates upon request.)

Standard / Mechanical values

Ø	N / mm ²	elongation AL100	Items on stock	
			rods	spools
0,2				
0,25				
0,3			X	
0,4			X	X
0,5			X	X
0,6			X	X
0,7				
0,8				

hardness after welding

Ø	HRC	base material
1. layer		
2. layer		
3. layer		

(results on request)

Following standard:

Laser welding wires

rods: 333 mm / 1.000 mm

spool: K80 / K125 / K250 / SH253 / MA125

The reported values were determined by the manufacturer and / or by a neutral Laboratory determined. For the accuracy we can not guarantee)