

## QuAl99,5

EN ISO 18273; S AL 1070 (AL99,7); AWS./SFA A5.10: ER1070 ; M.- No.: 3.0259

Pure aluminium for semi-finished parts. Because of its high purity the material possess a high chemical resistance. The material is soft in its cast form. Its tensile strength can be increased considerably by cold processing.

### Recommendation for basic materials

Pure aluminum, Al99,5, Al99,7 and similar

### Material analysis

Si	Fe	Al
0,05	0,11	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>	20
Tensile strength Rm	N/mm <sup>2</sup>	65
Elongation A (Lo = 5do)	%	35
Hardness untreated	HRC	

### 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.  
We cannot guarantee for the accuracy.