

QuAlCu6

EN ISO 18273 S AL 2319 (AlCu6MnZrTi); AWS /SFA A 5-10 ER2319

is an aluminium alloy used for applications on high tensile aluminium materials especially in the aircraft industry. QuCuAl6 can be hardened.

Recommendation for:

AL 2219, AL 2014; AlCu-cast-alloy
not suitable for 5xxx -AL alloys

Reworking

Material- typical treatment

Material analysis in %

Cu	Mn	Zr	Ti	V	Si	Zn	Al
6,3	0,30	0,15	0,15	0,10	0,15	0,2	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 ²	150
Tensile strength Rm	N/mm ²	240
Elongation A (Lo = 5do)	%	12
Hardness untreated	HRC	

Following standard:

Laser welding wires

Rod: 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.