

QuNi29

(M.-No. ~2.4052)

is used for joint and build-up welding of commercial pure nickel qualities including LC-nickel, nickel alloy and nickel-clad steels. These kind of materials are especially used in pressure vessels and apparatus construction in the chemical industry, food processing industry and energy industry, where it's required that materials have a high corrosion and temperature performance, as well a good conductivity.

In comparison with **QuNi40** this is a pure nickel alloy Ni99.7Mg.

Recommendation for:

2.4052, 2.4053, 2.4060, 2.4061, 2.4066, 2.4068

Rework

Material-typical treatment

Material analysis in %

C	Si	Mn	Cu	Fe	Mg	Ni
0,05	0,01	0,10	0,03	0,07	0,03 - 0,07	99,70

(test certificates upon request.)

Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	
Tensile strength Rm	MPa	
Elongation A (Lo = 5do)	%	
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.