

QuNi77

EN ISO 18274: S Ni 4060 (NiCu30Mn3Ti); W.-Nr. 2.4377; AWS A5.14 ER-NiCu-7;
DIN 1736 SG NiCu 30 Mn Ti

Nickel-Copper alloy for joint welding and build-up welding of the same as well as similar cladding material. Also for joining Steel to Nickel-Copper alloys and Copper alloys, (Red and White joints). Usable up to temperatures of +425°C.

Recommended for:

2.4360 / Monel400 ; NiCu30AL (2.4375)

Material analysis

C	Si	Mn	S	Fe	Ti	Cu	Ni
0,02	0,20	3,30	0,020	1,00	2,00	30,0	Basis

(test certificates upon request.)

Standard / Mechanical Values

Protective gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield point Re	MPa	175
Tensile strength Rm	MPa	450
Elongation A (Lo = 5do)	%	30
Untreated hardness	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.