

DT-2.4377

Nickel Alloy MIG/MAG-Wire TIG – Rods

Specification EN ISO 18274: SG – NiCu30Mn3Ti (S Ni 4060)
 AWS A5.14: ER NiCu7

Application NiCu-wire/rod for joining nickel-copper alloys (NiCu30Fe =2.4360), dissimilar alloys (copper with steels) and also suitable for intermediate layers.

Chemical Composition Element by weight (%) C: 0,15 Ni: 65 Mn: 3,5 Fe: 2,5 Ti: 2 Al: 1,25
 Si: 1,25 Cu: bal

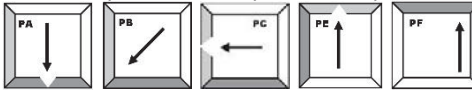
Mechanical Properties (typical)

0,2%Elongation (Rp0,2)	300 N/mm ²
Tensile Strength (Rm)	500 N/mm ²
Elongation (A)(Lo=5do)	35%
Impact energy (Av)	120 J

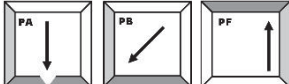
Approvals TÜV

Shielding gas/Polarity

WIG: (ISO 14175) I1 (=–)



MSG: (ISO 14175) I1 (=+)



Typical Base Material 2.4360 Monel 400 Monel 405
 Monel 400 to Nickel 200

Packaging MIG/MAG: spools D 100 / D 200 / K 200 / K 300
 TIG: 10-kg-boxes