

DT-2.4155

Nickel Alloy MIG/MAG-Wire TIG – Rods

Specification

EN ISO 18274: SG – NiTi3 (S Ni 2061)
AWS A5.14-spec.: ER Ni-1

Application

Ni-wire/rod for welding Nickel 200/201 and joining dissimilar welding applications including Nickel 200/201 to stainless steels, carbon steels and other high nickel alloy and Cupro-nickel alloys.

**Chemical Composition
Element by weight (%)**

Ni: Basis C: 0,02 Si: 0,4 Mn: 0,40 Ti: 3,00

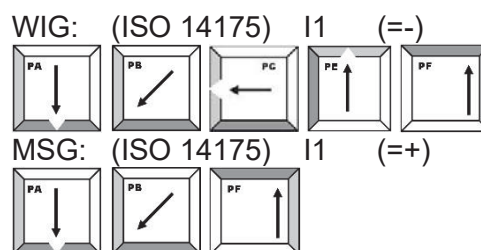
**Mechanical Properties
(typical)**

0,2%Elongation (Rp0,2) 300 N/mm²
Tensile Strength (Rm) 450 N/mm²
Elongation (A)(Lo=5do) 25%
Impact energy (Av) 150 J

Approvals

on demand

Shielding gas/Polarity



Typical Base Material

2.4060 2.4061 2.4066 2.4116 2.4170
(also in combination with steel/cast steels and copper)

Packaging

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