

DT-2.4831

Nickel Alloy MIG/MAG-Wire TIG – Rods

Specification EN ISO 18274: SG – NiCr22Mo9Nb (S Ni 6625)
 AWS A5.14: ER NiCrMo-3

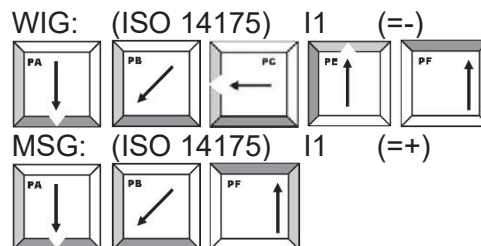
Application NiCrMo-wire/rod for joining nickel alloys, sub-zero tough nickel steels and dissimilar alloys from –196°C up to + 550°C. Scale resistant in air up to + 1200°C.

Chemical Composition Ni: Basis C: 0,02 Cr : 22,0 Mn: 0,20 Fe: 1,00
Element by weight (%) Mo: 9,00 Nb: 3,50

Mechanical Properties 0,2%Elongation (Rp0,2) 520 N/mm²
 (typical) Tensile Strength (Rm) 800 N/mm²
 Elongation (A)(Lo=5do) 35%
 Impact energy (Av) 110 J

Approvals TÜV, CE-Zeichen

Shielding gas/Polarity



Typical Base Material

2.4876 2.4618 2.4619
 ISO 20172: NiCr22Mo9Nb
 ISO 20172: NiCr22Mo9Nb mit Gruppe 1.1/1.2

Packaging

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