

DT-1.4829

Stainless Steel MIG/MAG-Wire TIG – Rods

Specification

ISO 14343-A : G/W 22 12 H
 ISO 14343-B : (SS309)
 ASTM/AWS/SFA-5.9: ER 309

Application

CrNi-wire/rod for joining and surfacing equivalent and comparable heat resisting steels/cast steels up to 950° C.

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

C: 0,10 Si: 0,8 Mn: 1,8 Cr : 22,0 Ni: 11,0

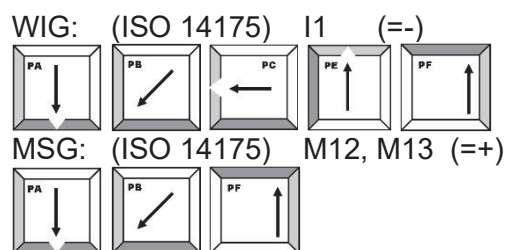
**Mechanical Properties
(typical)**

Yield Strength (Re) 380 N/mm²
 Tensile Strength (Rm) 620-700 N/mm²
 Elongation (A)(Lo=5do) 30%
 Impact energy (Av) 70 J

Approvals

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Shielding gas/Polarity



Typical Base Material

1.4710 1.4713 1.4729 1.4740 1.4828
 1.4878 1.4825

Packaging

MIG/MAG: spools D 100 / D 200 / K 200 / K 300
 TIG: 5-kg-boxes