

DT-1.4842

Stainless Steel MIG/MAG-Wire TIG – Rods

Specifications

ISO 14343-A : G/W 25 20
 ISO 14343-B : SS310
 ASTM/AWS/SFA-5.9: ER 310

Application

CrNi-wire/rod for joining and surfacing equivalent/
 comparable heat resisting steels/steel casts.
 Suitable for ductile filling layers under top layers of
 1.4773 and 1.4820. Scale resistant in air and oxydising
 combustion gases up to 1150° C.

Chemical Composition Element by weight (%)

C: 0,15 Si: 0,5 Mn: 1,80 Cr : 25,5 Ni: 20,5

Mechanical Properties (typical)

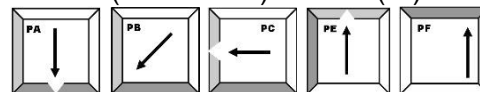
Yield Strength (Re) 390 N/mm²
 Tensile Strength (Rm) 620 N/mm²
 Elongation (A)(Lo=5do) 30%
 Impact energy (Av) 75 J

Approvals

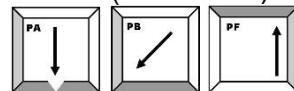
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Shielding gas/Polarity

WIG: (ISO 14175) I1 (=)



MSG: (ISO 14175) M13 (+=)



Typical Base Material

1.4832 1.4837 1.4840 1.4841 1.4845
 1.4846 1.4713 1.4742 1.4762

Packaging

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