

DT-1.4459

Stainless Steel MIG/MAG-Wire TIG – Rods

Specifications

ISO 14343-A : G/W 23 12 2 L
 ISO 14343-B : SS309LMo
 AWS A5.9: ER 309LMo

Application

CrNi-wire/rod with low carbon for joining un-and low alloyed steels/cast steels and austenitic steels resistant Suitable for intermediate layers and for joining dissimilar steels.

Chemical Composition Element by weight (%)

C :0,02 Si :0,35 Cr :22 Ni :14 Mn :1,5 Mo :2,6

Mechanical Properties (typical)

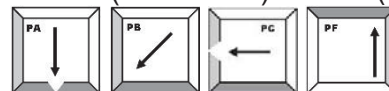
Yield Strength (Re) 480 N/mm²
 Tensile Strength (Rm) 600 N/mm²
 Elongation (A)(Lo=5do) 30 %
 Impact energy (Av) 65 J
 Hardness 210 HB
 High temp. 300° C
 Low temp. -10° C

Approvals

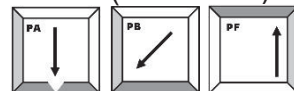
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Shielding gas/Polarity

WIG: (ISO 14175) I1 (=)



MSG: (ISO 14175) M12,M13 (=+)



Packaging

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