

DT-1.4850

Stainless Steel MIG/MAG-Wire TIG – Rods

Specifications

ISO 14343-A : ~G/W GZ 21 33MnNb

Application

Joining and surfacing work on matching/similar heat resistance cast steel grade

Resistance to scaling up to 1050°C

Chemical Composition Element by weight (%)

C: 0,12 Si: 0,20 Mn: 4,5 Cr: 21,5 Ni: 32,5 Nb: 1,2

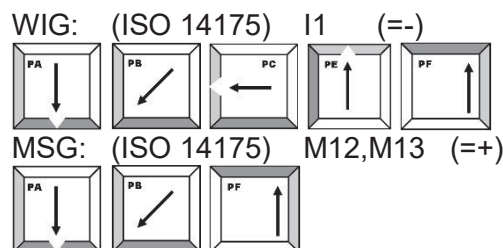
Mechanical Properties (typical RT)

0,2% Yield Strength	400 N/mm ²
Tensile Strength (Rm)	600 N/mm ²
Elongation (A)(Lo=5do)	20%

Approvals

on demand

Shielding gas/Polarity



Typical Base Material

1.4876 – Alloy 800
 1.4859 – UNS08151
 1.4958 – Alloy 800 H
 1.4959 – Alloy 800 HT

Packaging

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