

1.4332

Stainless Steel MIG/MAG-Wire TIG – Rods

Specifications:

ISO 14343-A : G/W 23 12 L Si
ISO 14343-B : SS309LSi
Werkstoff Nr. ~1.4332
ASTM/AWS/SFA-5.9: ER 309 LSi

Application:

CrNi-wire/rod with low carbon for joining un- and low alloyed steels/cast steels and austenitic steels resistant to intergranular/wet corrosion to 300°C. Suitable for intermediate layers and for joining dissimilar steels.

Chemical Composition Element by weight (%):

C: 0,02 Si: 0,85 Cr : 24,5 Ni: 13,5 Mn: 1,8

Mechanical Properties: (typical)

Yield Strength (Re)	400 N/mm ²
Tensile Strength (Rm)	600 N/mm ²
Elongation (A)(Lo=5do)	30%
Impact energy (Av)	65 J
High temp.	300° C
Low temp.	- 60° C

Approvals:

TÜV on demand

Shielding Atmosphere:

TIG-rods	(EN439) I 1
MIG/MAG-wire	(EN439) M13

Typical Base Mat.:

1.4710 1.4729 1.4740 1.4828 1.4878 1.4825
(1.4583 in combination with HII/HIII/17Mn4/up to StE355)

Packaging:

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