

Super6 309 LSI

Features and Applications

- Stainless steel wire ideal for joining material of similar composition and also dissimilar stainless steel
- Chemical, power generation, repair and maintenance

Standards

AWS : 5.9 ER 309LSI
EN ISO 14343 : 23 12 LSI
BS 2901 309 S93

Mechanical Properties

Melting Point °C	1440
UTS N/mm ²	650
Hardness BHN	180

Chemical Composition

C	Si	Mn	Ni	Cr
0.10	0.40	1.50	13.0	26.0

Welding Positions



Current Type

DC+

Shielding Gas

Pure Argon

Manufacturer's Approvals

Approvals on request

Product Information

5.0kg Spool 15.0kg Spool

Diameter	Part No.	Diameter	Part No.
0.8mm	7193	0.8mm	7195
1.0mm	7194	1.0mm	7196
		1.2mm	7197

Super6 310

Features and Applications

- Chromium/Nickel welding wire for welding heat-resistant austenitic steels of the 25Cr/20Ni type
- Chemical industry, power generation

Standards

AWS : A5.9 ER 310
EN ISO 14343 : A 25 20

Mechanical Properties

Melting Point °C	1440
UTS N/mm ²	590
Hardness BHN	200

Chemical Composition

C	Mn	Ni	Cr
0.01	1.80	21.0	26.0

Welding Positions



Current Type

DC+

Shielding Gas

Pure Argon

Manufacturer's Approvals

Approvals on request

Product Information

15.0kg Spool

Diameter	Part No.
0.8mm	7175
1.0mm	7176
1.2mm	7177