SOLID WIRE
MIG

308LSi

STAINLESS STEELS

INVEST IN THE FUTURE

MIG welding filler metal designed for austenitic stainless steels without molybdenum, type 304, 304L, 321, 347. It is recommended for metal constructions which do not get hotter than 350°C when in operation.

Classification

AWS 5.9 : ER 308L Si
EN ISO 14343-A : G19 9 L Si

Applications

- Only for constructions which do not get hotter than 350°C when in operation.
- Generally used in a low corrosive environment.

Benefits

- Excellent resistance to corrosion.
- good mechanical properties.

S100

S200 - S300

Polarity

DC +

Chemical properties

C %	Si %	Mn %	Ni %	Cr %	S % max	P % max	Fe %
0.025	0.90	1.80	10.00	20.50	0.02	0.02	Base

Mechanical properties

Re	Rm	A 5 d	KV +96°C
400 Mpa	600 Mpa	40 %	48 J

Packaging

Wire reel type			Wire diameter (mm)			
weight (kg)			Ø 0.6	Ø 0.8	Ø 1.0	Ø 1.2
1	S100	—	—	086616	—	—
5	S200	—	—	086579	086340	—
15	S300				086357	

Recommandations

Gas protection complies with EN ISO 14175
Argon / CO2 (2 to 3%) (M12) or Argon / O2 (1 to 2%) : 12-18 l/min.

Homologation

TÜV, Vd TÜV, DB, CE

CE

MADE in CHINA

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