



MIG 308LSi



Standards

AWS 5.9

EN ISO 14343-A

W. Nr.

ER 308LSi

G 199 L Si

1.4316

Description & applications

Filler material in solid wire spools for MIG welding of Molybdenum-free austenitic stainless steels type 304, 304L, 321, 347. Used for standard applications and moderate corrosion environments, for systems service conditions not exceeding 350°C. The high Silicon content improves the wettability of the molten weldment.

Typical chemical composition (%)

C max	Mn	Si	Cr	Ni	Mo	S max	P max	Fe
0.025	1.8	0.9	20.5	10.0	-	0.02	0.02	Base

Typical mechanical properties of all-weld metal

Rm	Rp 0,2	A5	KV -196°C
600 MPa	400 MPa	40 %	48 J

Operating parameters

Shielding gas recommendations :

EN ISO 14175 M12 : Argon + 2-3 % CO₂ or Argon + 1-2 % O₂ / 12-18 l/mn



CE
0035-CPD-C922



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