

EZ - MIG 309 LSi

CLASSIFICATION

EN ISO 14343-A	AWS / ASME SFA-5.9	W. Nr.
G 23 12 L Si	ER309LSi	1.4332

DESCRIPTION AND APPLICATION

Austenitic stainless steel solid wire for GMAW of dissimilar joints. Weld metal is ductile and crack resistant. This wire is also used for cladding.

MECHANICAL PROPERTIES OF THE ALL-WELD METAL

$R_{p0.2}$ N/mm ²	R_m N/mm ²	A_5 %	KV (+20°C) J
> 320	> 510	> 25	≥ 130

APPROXIMATE CHEMICAL COMPOSITION OF THE WIRE

	C	Mn	Si	Cr	Ni
%	≤ 0,02	2,0	0,8	23,5	14,0

SHIELDING GAS

M12 (Ar + 2,5% CO₂) or M13 (Ar + 1 to 3% O₂)

PACKAGING

Wire diameter mm	Winding
0,8; 1,0; 1,2; 1,6	precision-wound (S-S)
15 kg - wire spool	

APPROVALS

TÜV

