EZ - MIG 308 LSi

CLASSIFICATION

EN ISO 14343-A	AWS / ASME SFA-5.9	W. Nr.
G 19 9 L Si	ER308LSi	1.4316

DESCRIPTION AND APPLICATION

Austenitic stainless steel solid wire for gas metal arc welding of identical and similar (stabilized and unstabilized) 18/8 CrNi steels. Low carbon content insures a good resistance to intergranular corrosion. Higher silicon content improves welding characteristics.

Steel grade	HRN	DIN (W. Nr.)	ASTM / AISI	EN / ISO
High-alloy stainless steels of austenitic type and austenitic steel cast	Č 4580	X5 CrNi 18 11 (1.4301)	304	X5CrNi18-10
	ČL 4571	G-X 10 CrNi 18 8 (1.4312)	-	GX10CrNi18-8
	Č 45701	X2 CrNi 19 11 (1.4306)	304 L	X2CrNi19-11
	ČL 45701	G-X6 CrNi 18 9 (1.4308)	-	GX5CrNi19-10
	Č 4582	X6 CrNiNb 18 10 (1.4550)	347	X6CrNiNb18-10
	ČL 4572	G-X5 CrNiNb 18 9 (1.4552)	-	GX5CrNiNb19-11
	Č 4572	X6 CrNiTi 18 10 (1.4541)	321	X6CrNiTi18-10

MECHANICAL PROPERTIES OF THE ALL-WELD METAL

$R_{p0,2}$ N/mm²	R_m N/mm²	A_5 %	KV (+20°C) J
> 320	> 510	> 30	≥ 80

APPROXIMATE CHEMICAL COMPOSITION OF THE WIRE

	C	Mn	Si	Cr	Ni
%	≤ 0,02	1,95	0,8	20,0	10,0

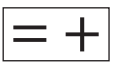
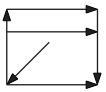
SHIELDING GAS

M12 (Ar + 2,5% CO_2) or M13 (Ar + 1 to 3% O_2)

PACKAGING

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

15 kg - wire spool

APPROVALS

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