

EZ - MIG 307 Si

CLASSIFICATION

EN ISO	AWS / ASME	W. Nr.
14343-A	SFA-5.9	
G 18 8 Mn	~ ER307	1.4370

DESCRIPTION AND APPLICATION

Austenitic solid welding wire for GMAW of identical and similar stainless steels, dissimilar joints, poor weldability steels and manganese steels. Also, the wire is used for welding of elastic buffer layer at hardfacing. The high proportion of manganese makes weld resistant to hot cracking, and the structure of the weld metal is fully austenitic.

MECHANICAL PROPERTIES OF THE ALL-WELD METAL

R _{p0.2} N/mm ²	R _m N/mm ²	A ₅ %	KV (+20°C) J
> 350	> 500	> 25	≥ 100

APPROXIMATE CHEMICAL COMPOSITION OF THE WIRE

	C	Mn	Si	Cr	Ni
%	≤ 0,07	6,9	0,7	18,5	8,0

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

