



A₅ '16/8M
Old reference: MIG 16-8-2

Classification

AWS A5.9 : ER16-8-2

ISO 14343-A : G 16 8 2

Description & Applications

Solid wire with low ferrite content for joining similar steels as 316H, used at high temperatures (up to 650-700°C).

Main applications: In petrochemical or incineration industry

Typical Chemical Composition (%)

C	Si	Mn	Cr	Ni	Mo	Cu	P	S	Fe
0.1	0.45	2.1	16.5	8.6	2.0	<0.2	<0.03	<0.02	Rem.

All Weld Metal Mechanical Properties

R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)	KV (J)
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Welding Current & Instructions

Welding mode	Wire Ø (mm)	Welding parameters		Shielding Gas
		Pulsed arc (A)	(V)	
MIG = +				

Ind.10



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