



A₅ 'NI90

Classification

ISO 18274 : S-Ni 7090 (NiCr20Co18Ti3)

Description & Applications

Solid wire for GMAW of high nickel content alloys as example, NIMONIC 80A and 90.

Typical Chemical Composition (%)

C	Si	Mn	Cr	Fe	Cu	Ti	Co	Al	Ni
<0.13	0.3	0.5	20.0	1.0	0.1	2.5	16.0	1.5	Rem.

All Weld Metal Mechanical Properties

R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)

Welding Current & Instructions

Welding mode	Wire Ø (mm)	Welding parameters		Shielding Gas
		Pulsed arc (A)	(V)	
MIG = +				Ar + He Ar/He + 0.05% CO ₂ 18-20 l/min

Ind.10



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