



TIG NI90

Old reference: TIG Ni90

Classification

ISO 18274 : S-Ni 7090 (NiCr20Co18Ti3)

Description & Applications

Solid rod for TIG welding of alloys like NIMONIC 80A and 90.

Typical Chemical Composition (%)

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

All Weld Metal Mechanical Properties

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

Welding Current & Instructions

Welding mode	Shielding Gas
TIG = -	Ar : 6-12 l/min Back shielding : Argon : 3-6 l/min

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