



TIG NICKR80

Old reference: TIG FINICRO 80.20

Classification

ISO 18274 : S-Ni 6076 (NiCr20) AWS A5.14 : ERNiCr-6
 EN 4329 NiCr20 AMS 5676

Description & Applications

Solid rod for TIG welding of alloy like Brightray, Inconel 600, Incoloy DS and Nimonic 75.

Typical Chemical Composition (%)

C	Si	Mn	Cr	Fe	Cu	P	S	Ni
0.1	0.2	0.5	20.0	0.5	0.1	<0.02	<0.01	Rem.

All Weld Metal Mechanical Properties

R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)	KV (J)
	> 560 MPa	> 25	

Welding Current & Instructions

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

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