



TIG TPD0.2

Classification

ISO 24304 Ti 2401 (TiPd0.2A)
 AWS A5.16: ERTi -7

Description & Applications

Solid rod for TIG welding of similar titanium alloy. The addition of Palladium increases the resistance to reduction background.

Main applications: Heat exchangers.

Typical Chemical Composition (%)

C	N ₂	H ₂	O ₂	Fe	Pd	Ti
<0.03	<0.015	<0.008	0.08-0.16	<0.12	0.12-0.25	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	Shielding Gas
TIG = -	Ar : 6-12 l/min Back shielding : Argon : 3-6 l/min

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