



TIG 25/20

Old reference: TIG 310

Classification

ISO 14343-A : W 25 20
AWS A5.9 : ER310

Material.N°: 1.4842

Description & Applications

Solid rod for TIG welding of similar austenitic steels (310...). Well adapted for welding of dissimilar steels.

Also suitable for welding high temperature resistant steels till about 1000°C.

Typical Chemical Composition (%)

C	Si	Mn	Cr	Ni	Mo	Cu	P	S	Fe
0.1	0.45	1.7	26.0	20.5	0.1	0.1	<0.02	<0.01	Rem.

All Weld Metal Mechanical Properties

R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)	KV (J)	
380	580	40	+20°C	170
			-196°C	60

Welding Current & Instructions

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

ind.10



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