



TIG CUS

Old reference: TIG Cu110

Classification

ISO 24373 : S Cu 1898 (CuSn1) Material N° : 2.1006
AWS A5.7 : ERCu

Description & Applications

Solid rod for TIG welding of oxygen free Copper and Cooper alloys. Good flow and porosity free weld seams due to the alloying with Tin. The melting temperature is relatively low and projections are minor. If a high electrical conductivity is required use TIG CuAg.

Typical Chemical Composition (%)

Si	Mn	Sn	P	Cu
0.2	0.4	0.8	0.01	Rem.

All Weld Metal Mechanical Properties

R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)
50	190	35

Welding Current & Instructions

Welding mode	Shielding Gas
TIG = -	Ar : 5-10 l/min Argon / He : 5-10 l/min

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