



TIG CUSIL

Old reference: TIG CuSi3

Classification

ISO 24373 : S Cu 6560 (CuSi3Mn1) Material N° : 2.1461
AWS A5.7 : ERCuSi-A

Description & Applications

Solid rod for TIG welding, especially recommended for hardfacings resistant to wear.

Main applications: Used in welding of galvanized sheets and also for welding of bronze.

Typical Chemical Composition (%)

Sn	Mn	Si	Zn	Al	Pb	Cu
0.8	1.0	3.0	<0.1	<0.01	<0.02	Rem.

All Weld Metal Mechanical Properties

$R_{p0.2}$ (MPa)	R_m (MPa)	A_5 (%)
150	350	42

Welding Current & Instructions

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

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