



DT-CuSi 3

Copper Alloy MIG/MAG-Wire TIG – Rods

Specifications

EN ISO 24373: S Cu 6560 (CuSi3Mn1)
AWS-A5.7: ER CuSi-A

Application

CuSi-wire/rod for joining copper and copper-tin alloys.
Surfacing on steel casts and un-/low alloyed steels.
Also suitable for MIG-BRAZING.

| MIG: | TIG: | GAS: |
|-------------|-------------|------------|
| recommended | recommended | unsuitable |

Chemical Composition Element by weight (%)

Cu : Basis Sn: 0,10 Si: 3,00 Mn: 1,00
Zn: 0,10 Fe: 0,07

Mechanical Properties (typical)

0,2%Elongation (Rp0,2) 150 N/mm²
Tensile Strength (Rm) 390 N/mm²
Elongation (A)(Lo=5do) 40%
Impact energy (Av) 60 J
HB 90

Approvals

on demand

Shielding gas/Polarity

WIG: (ISO 14175) I1 (=–)
MSG: (ISO 14175) I1 (=+)

Typical Base Material

a.m.

