

Fuse Material

SILVER-PLATED COPPER WIRE



/ SILVER-PLATED COPPER WIRE (Fuse Material)

Scope: This data sheet refers to silver-plated copper wire, produced by

- electroplating of copper wire
 - drawing to final diameter
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Properties (standard values)

Silver Plating	Density
[%]	[g/cm ³]
0.6	8.96
3.0	8.99
10.0	9.08

- electrical conductivity $\geq 56.0 \text{ m}/(\Omega \cdot \text{mm}^2)$
- adjusted according customers requirements

Composition

base metal Cu (core)

CU-ETP – CW004 A acc. to EN 13602:2013
(E-Cu58 DIN 1757, DIN 1787)

Cu	$\geq$	99.90 % (incl. max. 0.015 % Ag)
Bi	$\leq$	0.0005 %
Pb	$\leq$	0.005 %
Plated Ag	$\geq$	99.97 %

Delivery Forms

Total Plated Silver	Tolerance
[wt.-%]	
0.6	$\pm 0.1 \%$
3.0	$\pm 0.3 \%$
10.0	$\pm 1 \%$