

Fuse Material

SILVER-PLATED COPPER STRIP



/ SILVER-PLATED COPPER STRIP (Fuse Material)

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

- electroplating of copper strip
- rolling to final thickness
- slitting to final width

Properties (standard values)

Total Plated Silver	Density
[wt.-%]	[g/cm ³]
0.6	8.96
1.0	8.97
3.0	8.99
6.0	9.03
10.0	9.08

- electrical conductivity $\geq 58.2 \text{ m}/(\Omega \cdot \text{mm}^2)$

Composition

base metal Cu (core)

CU-PHC – CW020 A acc. to EN 13599:2014
(SE-Cu DIN 1787, DIN 1652)

Cu	\geq	99.95% (incl. max. 0.015% Ag)
Bi	\leq	0.0005%
Pb	\leq	0.005%
P	$=$	0.001 – 0.006%
Plated Ag	\geq	99.97%

Delivery Forms

Total Plated Silver	Tolerance
[wt.-%]	[wt.-% of total weight]
0.6	-0.2
1.0	-0.3
3.0	-0.7
6.0	-1.2
10.0	-1.8