

KAG-Identnummer 435659

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Vojkova ulica 10 • 5280 Idrija • Slovenia
Tel.: +386 5 37 50 100 • Fax: +386 5 37 50 150
kolektor@kolektor.si • www.kolektor.si

Technical Information

Material designation: **CuAg 0,03 (OF)**
Shape: **Wire - soft**

	Standard	Unit	Typical Value
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• CHEMICAL PROPERTIES

Copper Content (Incl Ag)	Producer Data	%	min 99,95
Silver content	Producer Data	%	0,025 – 0,050

• PHYSICAL PROPERTIES

Melting Point	Material standard value	°C	1083
Density	Material standard value	g/cm ³	8,9
Electrical Conductivity	Producer Data	m/Ω mm ²	min 58
Thermal conductivity	Material standard value	W/(m °K)	min 388
Moduls of Elasticity	Material standard value	GPa	117
Coef. of Thermal Exp. at 20°C	Material standard value	10 ⁻⁶ / °C	17,6

• MECHANICAL PROPERTIES

Tensile strength (R _m)	Producer Data	N/mm ²	170 - 200
Elongation (A)	Producer Data	%	> 30

Date Issued : October 02nd, 2014**Revised on :** 20.08.2019**Elaborated by :** N. Rant**Note:**
Version 02

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