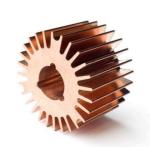
## Weerg.

# Copper C101

C101 copper stands out for its electrical and thermal conductivity properties. Ideal for electronic and electrical applications in consumer products or in applications related to heat exchangers and cooling systems.



## **Material properties**

Density		8,91	g/cm³
Tensile strength	ISO 6892	300	MPa
Elongation at break	ISO 6892	8	%
Yield strength	ISO 6892	150	MPa
Elastic modulus	ISO 6892	115	GPa
Hardness	ISO 6508	90	НВ
Melting temperature		1083	°C
Thermal conductivity (20°C)		385	W/mK
Electrical resistivity		0,017	Ωmm²/m

### Maximum dimensions

300x300x45 mm (12x12x1.8 in)

#### **Tolerances**

ISO 2768-1 fine (f) or medium (m)

#### **Applications**

Copper is the most commonly used material for applications where thermal and/or electrical conductivity are crucial. Some noteworthy applications are related to power distribution and in heat exchangers.

Information contained in this data sheet is up-to-date and correct as at the date of issue. As Weerg cannot control or anticipate the conditions under which this product may be used, each user should review the information in the specific context of the planned use. To the maximum extent permitted by law, Weerg will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. No express or implied warranties are given other than those implies mandatory by law.

