



TECHNICAL DATA SHEET

CMC TYPES Foils made from soft copper with a low oxygen content	97035 97050 97075	35 µm 50 µm 75 µm
Designation according to German standards	E-Cu 58	
Designation according to ISO/R1337	Cu-ETP	
Density	8.9 g/cm³	
Indicatory composition		
Copper content	≥ 99.9%	
Oxygen content	from 0.005% up to 0.04%	
Mechanical properties		
Vickers hardness	from 40 up to 65 HV	
Young's modulus	from 117 up to 127 GPa or kN/mm²	
Electrical properties		
Electrical conductivity	58 m/(Ω·mm²) or MS/m	
Thermal properties		
Specific heat (thermal capacity)	0.386 J/(g·K)	
Thermal conductivity	from 380 up to 390 W/(m·K)	
Linear coefficient of thermal expansion	17.7 · 10 ⁻⁶ K ⁻¹	

All information transferred from the original data sheets of our suppliers.

03/15

Storage conditions: cool and dry (15 - 25°C, < 65% rel. humidity)

Quality guarantee: 12 months

The technical data are average values and subject to change without notice. They are not intended to replace user's testing.