TECHNICAL DATASHEET

SCHLENK 💋

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u-E7	P						
Designation		EN / Cu-ETP		EN / CW004A		UNS / C11000	
				thermal conducti to make thin copp		best properties for the us	
COMPOSI	TION OF MATER	 A					
	$0,9\% \bullet 0: \le 0$						
PHYSICAL	PROPERTIES						
• Density				8,93 g/cm ³			
51-51-51-51-51-51-51-51-51-51-51-51-51-5				1083 °C			
Electrical conductivity				min. 58 m/ Ω mm ² (at 20 °C R200)			
v v				max. 0,017241 Ω mm ² /m (at 20 °C R200)			
				3,7·10 ⁻³ /K (at 0 to 200 °C R200)			
Thermal conductivity				394 W/K m (at 20 °C)			
				0,386 J/g K (at 20 °C)			
					7,7·10 ⁻⁶ /K (at 20 to 300 °C)		
• Modulus c	of elasticity (tensil	e)		110 GPa (at 20 °C R	.200)		
MANUFACTURING PROGRAM			THICKNESS		WIDTH		
Rolls, spools, sheets 0,006 -			0,006 - 0,4 r	mm	0,6 - 660 mi	m	
	binations of thicknes dimensions please c						
TEMPER ACCORDING TO DIN EN 13599					TYPICAL V	ALUES (information only)	
	Tensile streng	gth Rm in MPa	Yield stre	ength Rpo,2 in MPa	Elor	ngation in % Lo = 100 mm	
R200	200	- 250		≤ 100		> 15	
R220	220	- 260		≤ 140		> 15	
R240	240	- 300		≥ 180		< 35	
R290	290 - 360			≥ 250	< 20		
R360	≥ 3	360		≥ 320		< 5	

The values in the table are valid only for foils with thickness > 0,1 mm.

For further information please visit our website: <u>https://www.schlenk.com</u> You will find further information at: https://copperalliance.eu

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