



## MATERIAL TECHNICAL DATA SHEET

### 1. Material Designation

Material Name **Cupromax**  
Symbol **CuCrZr**  
Number -  
Reference Specification: © FM

### 2. Composition %

Element	Cu	Cr	Zr	Si	Fe	Other					Density g/cm <sup>3</sup> , approx.
min. %	Rest	0,5	0,03	-	-	-					8,9
max. %	-	1,2	0,3	0,08	0,08	0,2					
nominal %(*)	Rest	0,8	0,1	0,04	-	-					

### 3. Mechanical Properties

Specification	Material condition	Conductivity (%IACS) min.	Hardness (HB30) min.	Tensile strength, Rm (N/mm <sup>2</sup> ) min.	0,2% Proof strength, Rp0,2 (N/mm <sup>2</sup> ) min.	Elongation A % min.
© FM (**)		74	135	360	250	8

(\*) Fine Metal nominal casting values

(\*\*) Fine Metal nominal production values