



## MATERIAL TECHNICAL DATA SHEET

### 1. Material Designation

Material Name **Cupral2**  
Symbol **CuAl10Fe3**  
Number -  
Reference Specification: © FM

### 2. Composition %

Element	Cu	Al	Fe	Ni	Si	Mn	Sn	Zn	Pb	Other	Density g/cm <sup>3</sup> , approx.
min. %	Rest	9	2,5	-	-	-	-	-	-	-	7,6
max. %	-	11	3,5	1	0,2	1	0,1	0,4	0,05	0,2	
nominal %(*)	Rest	10	3,0	-	-	-	-	-	-	-	

### 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 (**)		-	150			

(\*) Fine Metal nominal casting values

(\*\*) Fine Metal nominal production values