



METAL & ENGINEERING SOLUTIONS

## TECHNICAL DATA SHEET

### MATERIAL DESCRIPTION

Material Alloy: CuAl10Fe2

Material Standard: CC331G, 2.09040

### CHEMICAL COMPOSITION

Element	Fe	Si	Mn	Ni	Al	Cu	Pb	Mg	Zn	Sn
Composition %	1.5 - 3.5	max 0.2	max 1	max 1.5	8.5 - 10.5	83 - 89.5	max 0.1	max 0.05	max 0.5	max 0.2

### MECHANICAL COMPOSITION

R <sub>m</sub> - Tensile strength	510
R <sub>m</sub> - Tensile strength	600
R <sub>p0.2</sub> 0.2% proof strength	190
R <sub>p0.2</sub> 0.2% proof strength	230
Min. elongation Lo = (%)	20
Hardness (HB)	260-330

### SHAPES



Round Bar



Flat Bar



Hollow / Ring Bar



Sheet / Plate



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