



METAL & ENGINEERING SOLUTIONS

## TECHNICAL DATA SHEET

### MATERIAL DESCRIPTION

Material Alloy: CuAl10Ni5Fe4

Material Standard: CW307G, 2.0966

### CHEMICAL COMPOSITION

Element	Fe	Si	Mn	Ni	Al	Pb	Zn	Sn	Other	Cu
Composition %	3-5	Max 0.2	Max 1.00	4-6	8.6-11	Max 0.05	Max 0.4	Max 0.1	0.2	Rest

### MECHANICAL COMPOSITION

Rm - Tensile strength	590
Rm - Tensile strength	640
R <sub>p0.2</sub> 0.2% proof strength	230
R <sub>p0.2</sub> 0.2% proof strength	250
Min. elongation Lo = (%)	15
Hardness (HB)	180-230

### SHAPES



Round Bar



Flat Bar



Hollow / Ring Bar



Sheet / Plate



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