



METAL & ENGINEERING SOLUTIONS

TECHNICAL DATA SHEET

MATERIAL DESCRIPTION

Material Alloy: CuBe2

Material Standard: CW101C , 2.1247

CHEMICAL COMPOSITION

Element	Fe	Ni	Co	Be	Other	Cu
Composition %	Max 0.2	Max 0.3	Max 0.3	1.8 – 2.2	total 0.6	Rest

MECHANICAL COMPOSITION

Rm - Tensile strength	1120
Rm - Tensile strength	1320
R _{p0.2} 0.2% proof strength	260
R _{p0.2} 0.2% proof strength	520
Min. elongation Lo = (%)	5
A - Min. elongation Lo = (%)	11
Hardness (HB)	340-400

SHAPES



Round Bar



Flat Bar



Hollow / Ring Bar



Sheet / Plate

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