

Nickel Silver Alloy Coil (Cu64/Ni12/Zn24)

Formula: Cu64/Ni12/Zn24

Thickness: 0.125mm

Coil Width: 200mm

Length: 20m

UOM Code: 011-864-99

SKU: 1000001564-group

Product Code: CZ08-FL-000100

Material Properties for Alloys

Mechanical Properties

Element	Value
Elongation at break(%)	3
Modulus of elasticity(GPa)	125
Hardness - Vickers(kgf mm ²)	190
Tensile strength(MPa)	620

Electrical Properties

Element	Value
Electrical resistivity(μOhmcm)	130
Temperature coefficient(K ⁻¹)	-

Physical Properties

Element	Value
Density(gcm ³)	8.67

Thermal Properties

Element	Value
Thermal conductivity(W m ⁻¹ K ⁻¹)	42@23°C
Coefficient of thermal expansion(x10 ⁻⁶ K ⁻¹)	16@20-200°C