

Copper/Tellurium Alloy Rod (Cu99.5/Te 0.5)

Formula: Cu99.5/Te 0.5

Diameter: 25mm

Length: 500mm

UOM Code: 011-366-74

SKU: 1000001499-group

Product Code: CY24-RD-000125

Material Properties for Alloys

Mechanical Properties

Element	Value
Elongation at break(%)	12
Hardness - Vickers(kgf mm ²)	90-100
Tensile strength(MPa)	260

Electrical Properties

Element	Value
Electrical resistivity(μ Ohmcm)	1.92
Temperature coefficient(K ⁻¹)	-

Thermal Properties

Element	Value
Maximum use temperature in air(C)	350