

Grade 200 Brass Balls (Cu70/Zn30)

Grade: Grade 200

Formula: Cu70/Zn30

Diameter: 2mm

Quantity: 10 Pcs

Type: Precision Sphere

Sphericity: 5.08 μ m

UOM Code: 970-526-82

SKU: 1000065284-group

Product Code: CU08-SP-000120

Material Properties for Alloys

Mechanical Properties

Element	Value
Hardness - Brinell	65-160
Elongation at break(%)	65
Modulus of elasticity(GPa)	100-115
Izod impact strength(J m ²)	50-90
Shear strength(MPa)	200-400
Tensile strength(MPa)	300-700

Electrical Properties

Element	Value
Electrical resistivity(μ Ohmcm)	6.2-7.8
Temperature coefficient(K ⁻¹)	0.0012-0.0016

Thermal Properties

Element	Value
Melting point(C)	910-965
Thermal conductivity(W m ⁻¹ K ⁻¹)	109-121@23°C
Coefficient of thermal expansion($\times 10^{-6}$ K ⁻¹)	19-20@20-100°C

Physical Properties

Element	Value
Density(gcm ³)	8.55