

Grade 200 Titanium/Aluminum/Vanadium Alloy Balls (Ti90/Al6/V4) - Ø 3mm Q99

Grade: Grade 200
Formula: Ti90/Al 6/V 4
Diameter: 3mm
Quantity: 100 Pcs
Type: Precision Sphere
Sphericity: 5.08µm
UOM Code: 231-734-66
SKU: 1000097285
Product Code: TI01-SP-000130

Material Properties for Alloys

Mechanical Properties

Element	Value
Elongation at break(%)	>10
Modulus of elasticity(GPa)	106-114
Izod impact strength(J m ²)	20
Tensile strength(MPa)	895

Electrical Properties

Element	Value
Electrical resistivity(µOhmcm)	168
Temperature coefficient(K ⁻¹)	0.0004

Thermal Properties

Element	Value
Melting point(C)	1600-1650
Thermal conductivity(W m ⁻¹ K ⁻¹)	5.8@23
Thermal conductivity(W m ⁻¹ K ⁻¹)	5.8@23C
Coefficient of thermal expansion(x10 ⁻⁶ K ⁻¹)	8@20-100
Coefficient of thermal expansion(x10 ⁻⁶ K ⁻¹)	8.0@20-100C

Physical Properties

Element	Value
---------	-------

Density(gcm ³)	4.42
-----------------------------	------