

Material Properties of Tungsten Carbide Balls - SU0991

Properties	Unit	Value
Material	-	YG6
Component	%	WC: 94% Co: 6%
Density	g/cm ³	14.95
Grade	-	G16
Variation	μm	0.4(0.00001 in)
Sphericity	μm	0.4(0.00001 in)
Surface	μm	0.032(0.000001 in)
Tolerance	μm	±2.54(±0.0001 in)
Lot Variation	μm	0.8(0.00002 in)
Porosity(200X)	-	A02 B02 C00
Tested Porosity(200X)	-	A02 B02 C00
Hardness(HRA)	-	>90
Tested Hardness(HRA)	-	90.8
Bending Strength	N/mm ²	>1700
Tested Bending Strength	N/mm ²	1850

Remark: The value is just for review. Different working conditions may cause some difference.