

BR 201
Bronze Powder

BR 201	
Formula	Cu Sn
Purity	90/10
Particle size	-100 mesh

Chemistry		
Elements	Specification	Typical Results
Copper	-	90
Tin	9.5-10.5	10
Lubricant	-	0.75
Green strength @ 6.3 g/cc	500 psi min	560 psi
Apparent density	3.15-3.35 g/cm ³	3.24
Hall flow	40 seconds max	29 seconds

Particle Size		
	Specification	Typical results
+100 mesh	0.2 max	0
+200 mesh	-	15
+325 mesh	-	31
-325 mesh	40-60	51



BR 201 Bronze powder is a copper-tin based material, blended and typically formulated to 90% copper and 10% tin. These pre-mixed powders are engineered for low noise sintered bearings. The sintered pore structure of the bearings provides a uniform controlled porosity and oil permeability for excellent hydrodynamic lubrication at lower shaft loads and higher rotational speeds.

Information presented herein is believed to be accurate and reliable but is not intended to meet any specification and does not imply any guarantee or warranty by Atlantic Equipment Engineers. For more information and assistance, please call (201) 384-5606.

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