

SN 100 – 101 – 102 – 103 - 104
Tin Metal Powder

SN 100 – 101 – 102 – 103 – 104	
Formula	Sn
Purity	99% - 99.9%
Particle size	1-2 um - <100 mesh

Typical Chemistry

Elements	SN 100	SN 101	SN 102	SN 103	SN 104
Tin	99% min	99.9	99.9	99.9	99.9
Hydrogen loss	0.12	0.12	0.12	0.16	0.16

Particle Size

	SN 100	SN 101	SN 102	SN 103	SN 104
Size	1-2-micron aps	1-5-micron aps	-325 mesh	-100 mesh	Plasma Spray Grade
APS	D50: 1.8 um	3-micron aps	95% min -325	0.6%+ 100	-100+325 mesh
Density	1.29 g/cc	3.4 g/cc	3.5 g/cc	3.75 g/cc	3.75 g/cc



Tin powders are used to make bearings, friction brake pads, and chemical and industrial applications. When added to copper, tin powders largest use is in the production of PM oil-impregnated bronze bearings, but tin powder can also be found in plastics, solder pastes and other applications, such as diamond tools and abrasive wheels. It is used in the automotive, chemical, friction, metallurgical, pyrotechnic and defense industries.

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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