

Tin Powders

ACuPowder has been setting the industry standard in tin powders for over 90 years. Great care is taken to use only high purity raw material and controlled production technology to assure that you receive tin powders of consistently high quality, engineered to meet your needs.

Today our tin powders are used in applications as far ranging as self-lubricating bearings, friction materials, chemical formulations, metal-bonded abrasive wheels and cutting tools and metals and ceramic bonding. Why not put our metal powder know-how to work for you?

Grade	Purity % Min	H2 Loss (max)	A.D. g/cc	Average Particle Size Microns			Screen Analysis-Mesh %			
				D10	D50	D90	+100	+200	+325	-325
5325	99.5	0.25	N.A.	N.A.	N.A.	N.A.		90min		
140	99.5	0.25	3.7-4.2	9	31	70	1.0	Bal	Bal	55-75
124	99.5	0.25	3.7-4.2	8	30	85	0.1max		Bal	69-83
102	99.5	0.25	3.3-3.8	5	15	40	0.1max	5max	Bal	83-93
101	99.5	0.25	3.0-3.6	4	12	35	0.1max	2max	Bal	93-98
201	99.5	0.25	3.0-3.5	4	10	30	-	1max	Bal	96min
301	99.5	0.25	3.0-3.5	4	9	25	-	Tr	2max	98min
115	99.5	0.25	1.2-2.0	3	5	9	Tr		Bal	98min

Some Useful Data Regarding Tin

Atomic Number	50	Boiling Point	2270°C (4120°F)
Atomic Weight	118.70	Thermal Conductivity @ 0°C	0.15Cal/sq.cm/cm/sec/°C
Specific Gravity	7.30	Electrical Resistivity @ 0°C	11 microhm-cm
Melting Point	232°C (449°F)		

The information contained herein is presented as a guide for your investigation and verification. Products mentioned are sold without warranty, expressed or implied, that the goods shall be fit for any particular purpose of or use by the purchaser. Purchasers must conduct their own tests to determine the suitability for their intended purpose. We assume no liability for infringement of any patent resulting from the application of this information. By reason of lack of knowledge as to specific uses, no representation or warranty is made regarding the safety of these products or materials under the Federal Food, Drug and Cosmetics Act.

ISO 9001

*From industry pioneer to industry leader,
We are innovation in motion*

ISO 14001

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We have been part of your lives for over 90 years