

# Antimony, Bismuth, Manganese & Silicon

As the world's largest producer of Specialty Metal Powders, **ACuPowder** can meet a variety of needs. This capability extends from Antimony to Silicon. We have been at the forefront of powder metal technology for over 90 years. Ever since our early pioneering days, we've set the standards and expanded applications to the P/M industry. You can depend on our technology for a wide variety of specialty metal powders including those discussed in this literature.

Product & Grade	Purity % min	A.D. g/cc	Screen Analysis – Mesh - %				Applications
			+100	+200	+325	-325	
<b>Antimony (Sb) 5667C</b>	99.5	NA	+12M 2 max		90 min	10 max	Flame retardants, batteries, alloying, friction materials, spark-plug cores, ceramics, glass, x-ray shielding, chemicals
<b>101</b>	99.5	2.4-2.9	0.5 max	15 max	Bal	60-80	
<b>201</b>	99.5	2.0-2.7		0.5 max	15 max	80-90	
<b>Bismuth (Bi) 101A</b>	99.5	3.8-4.6	Tr	10-15	Bal	60-75	Solid lubrication, alloying, Radiation shielding, chemicals pharmaceuticals, pyrotechnics, friction materials, ammunition,
<b>201A</b>	99.5	3.6-4.2		Tr	15 max	85-97	
<b>301A</b>	99.5	3.2-4.0			5 max	95min	
<b>Manganese (Mn) 201</b>	99.5	2.6-3.5		0.5 max	Bal	80-95	Chemicals, ceramics, pyrotechnics, grinding wheels, welding rods, ammunition, alloying
<b>301</b>	99.5	2.6-3.5		Tr	5max	95min	
<b>Silicon (Si) 301</b>	97.0	0.4-0.8			5max	95min	Ceramics, pyrotechnics, ammunition, chemicals, alloying, grinding wheels

For information regarding other Specialty Metal Powders call (908) 851-4500 Ext. 521

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*