

# Oxide Reduced Copper Powders

**ACuPowder Tennessee's** Oxide Reduced Copper Powder is produced using only the highest quality raw materials assuring consistent lot to lot uniformity. ACuPowder can also custom design special grades to customer specifications.

## Basic Steps in Producing Oxide Reduced Copper Powder:

**ACuPowder's** copper powder is produced by an automated process involving high pressure atomization followed by oxidizing, reducing, grinding, screening and blending.

Oxide reduced powders offer significantly higher green strength when compared to conventional atomized copper powders.

## Oxide Reduced Copper Specifications

Grade	Purity %	H2 Loss % max	A.D g/cc	Typical Analysis			Typical Applications
				Control Screen	Mesh	%	
<b>260ST</b>	99.3	0.50	2.6	100	-325	60	P/M, Low Growth, Carbon Brushes
<b>250MD50</b>	99.3	0.50	2.5	100	-325	50	P/M, Friction
<b>240MD90</b>	99.3	0.50	2.4	100	-325	90 min	P/M, High G.S., Friction
<b>220LD85</b>	99.3	0.50	2.2	100	-325	85 min	P/M, High G.S., Carbon Brushes
<b>220LD90</b>	99.3	0.50	2.2	100	-325	90 min	P/M, High G.S., Friction

Produced in Tennessee.

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.

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

ISO 9001

**ACuPowder**

ISO 14001

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