

Cutting and Grinding Tools

Diamonds and other refractory ceramics are held in a matrix of metal produced by either hot pressing or cold pressing and sintering the ingredients. The size of the abrasive particles, the method of molding and the characteristics of the materials to be cut, ground or polished are just some of the factors influencing the selection of metal powders.

ACuPowder provides many grades of copper, tin, bronze and nickel to achieve just the right balance of melting point, toughness, brittleness and glazing properties required for each specific application.

Grade	A.D. (g/cc)	Nominal Mesh	- 325 (%)	Comments
Copper 301	3.1	- 325	98	Irregular
Tin 301	3.0	- 325	99	Nodular
Bronze 201	2.8	- 200	76	90Cu/10Sn diffused, irregular
5890	5.0	- 325	99	90Cu/10Sn alloy, spherical
5885	5.0	- 325	98	85Cu/15Sn alloy, spherical
5880	5.0	- 325	98	80Cu/20Sn alloy, spherical
5867	4.8	- 325	98	67Cu/33Sn alloy, spherical
5850	4.5	- 325	98	50Cu/50Sn alloy, spherical
DT-31	3.4	-400	99	89Cu/9Sn/2Zn Alloy, irregular
DT-80	3.2	-400	99	80/20 Alloy, irregular
DT-85	3.2	-400	99	85/15 Alloy, irregular
DT-90	3.2	-400	99	90/10 Alloy, irregular
Nickel	ACuPowder provides Inco Nickel Powders to this market – See Nickel Bulletin			

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

ACuPowder International, LLC
901 Lehigh Avenue, Union NJ 07083 USA
Phone: (908) 851-4500 X590 Customer Service.
X521 Technical Service
Fax: (908) 851-4597

ACuPowder

www.acupowder.com

ACuPowder TN, LLC
6621 Highway 411 S, Greenback, TN 37742
Phone: (865) 856-3021 x112
Fax: (865) 856-3083

We have been part of your lives for over 90 years