

Phos Copper

Phosphorus-Copper is an alloy of elemental copper and elemental phosphorus with only trace amounts of residuals, such as iron, silicon, arsenic, selenium, nickel, tin, zinc, or lead. It improves the predictability of your brazing or welding process and eliminates the potential for hydrogen embrittlement. These alloys are suitable for Copper to Copper Brazing without Flux. For Brass the use of Flux is recommended.

Phosphorus-Copper is used as a deoxidant, alloying agent, and wetting agent for the copper industry, and as a nucleant for the aluminum industry.

Grade	% Phos	A.D. g/cc	Typical Analysis			Typical Applications
			Control Screen	Mesh	% Min.	
Cu Phos 13.5	13 - 14	3.0	200	- 325	85	P/M, Chemical
101	7.5 – 9.0	4.2	100	- 325	45	P/M, Brazing, Chemical
201	7.5 – 9.0	3.8	200	- 325	60	P/M, Brazing, Chemical
301	7.5 – 9.0	3.6	325	- 325	95	P/M, Brazing, Chemical

* For additional technical information 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

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