



Production of Aluminium, Bronze and Copper  
in Powder, Paste and Granules

## TECHNICAL DATA SHEET

**revision n°:** 01 (date 1-6-2010), supersedes n°00 (date 10-1-2008)

**Ident. N°:**

**TDS\_S\_EN\_CPO\_4000\_v01**

**PRODUCT TYPE:** **COPPER POWDER**

**PRODUCT NAME:** **4000**

**PRODUCT DESCRIPTION:** Flake Metal Copper Powder

standard shade: Copper Gold (ca. 100% Cu)

Inspection Criteria	Unit	Lower lim. Value	Upper lim. Value	Test method
<b>Purity of metal</b>	%	99,9	-	
<b>Particle Size Distribution</b>				
<b>D10</b>	µm	4	7	laser diffraction by Sympatec HELOS (dry)
<b>D50</b>	µm	16	23	laser diffraction by Sympatec HELOS (dry)
<b>D90</b>	µm	36	52	laser diffraction by Sympatec HELOS (dry)
<b>Apparent density</b>	g/cm <sup>3</sup>	0,60	1,3	ASTM B212-99
<b>Covering Capacity</b>	cm <sup>2</sup> /g	3800	5500	LCI.001.0

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Please consult AVL website /GENERAL INFO at [www.avlmetalpowders.com](http://www.avlmetalpowders.com) for additional information on our products related to shelf life and storage recommendations .

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