



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

TECHNICAL DATA SHEET

revision n°: 02 (date 1-6-2016), supersedes n°01 (date 1-6-2010)

Ident. N°:

TDS_S_EN_BDPO_4000_v02

PRODUCT TYPE: BRONZE POWDER & DEEP GOLD POWDER

PRODUCT NAME: 4000

PRODUCT DESCRIPTION: Flake Metal Powder based on a copper-zinc alloy

standard shades: Rich Gold (ca. 70% Cu & ca. 30% Zn) / Rich Pale Gold (ca. 80% Cu & ca. 20% Zn) / Pale Gold (ca. 90% Cu & ca. 10% Zn) / Deep Gold (ca. 90% Cu & ca. 10% Zn)

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

For more information and samples, please contact:

AVL METAL POWDERS nv, Elleboogstraat 7, B-8500 Kortrijk, Belgium, Europe

T +32 (0) 56 22 00 21 - F +32 (0) 56 22 64 14

e-mail: sales@avlmetalpowders.com

website: <http://www.avlmetalpowders.com>

VAT BE 0405.375.371 - HR 7 Kortrijk



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

All data on this technical data sheet are based upon tests and knowledge which our company believes to be currently reliable. Foregoing data is no legal guarantee for specific properties of the product, nor for their suitability for a particular application or process, the liability lies with the buyer. AVL Metal Powders has the right at any time to alter any product data as a result of technical improvements or changes in the manufacturing process.

depart. Name: QC, Stefaan De Forche