



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

TECHNICAL DATA SHEET

revision n°: 03 (date 1-6-2016), supersedes n°02 (date 6-1-2016)

Ident. N°: TDS_S_EN_BDPASB_36_80_v03

PRODUCT TYPE: BRONZE PASTE & DEEP GOLD PASTE

PRODUCT NAME: 36/*/80-20

* solvent code, eg.:

BA,BG,CO,DI,DN,DO,DOP,DPM,EA,EP,ET,IPA,IS3,IS4,ME,NPA,P,PA,PG,PGE,PM,PMA,SA,SE,T,TD,X,WS,etc...

PRODUCT DESCRIPTION: Flake Metal Solvent Paste based on a copper-zinc alloy with an organic solvent

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
inspection criteria marked * are based upon powder analysis				
Purity of metal	%	99,9	-	
Particle Size Distribution				
D10*	µm	7	13	laser diffraction by Sympatec HELOS (dry)
D50*	µm	23	34	laser diffraction by Sympatec HELOS (dry)
D90*	µm	52	68,5	laser diffraction by Sympatec HELOS (dry)
Apparent density	g/cm ³	2,5	3,5	ASTM B212-99
Covering Capacity*	cm ² /g	2700	4200	LCI.001.0
Pigment content	%	77	82	LCI.003.0
Solvent content	%	18	23	LCI.003.0

For more information and samples, please contact:

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

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