



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

## TECHNICAL DATA SHEET

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

**Ident. N°:**

TDS\_S\_EN\_APASB\_04\_80\_v02

**PRODUCT TYPE:** ALUMINIUM PASTE

**PRODUCT NAME:** 04/\*/80-20

\* solvent code, eg.:

BA,BG,CO,DEG,DI,DINP,DN,DO,DOP,DPM,EA,EP,ET,IPA,IS3,IS4,MAS,ME,MWS,MEK,MIC,MS,NE,NPA,P,PA,PG,PE,PM,PMA,SA,SE,T,TD,X,UV(x),VO,WS,etc...

**PRODUCT DESCRIPTION:** Flake Metal Paste based on Aluminium with an organic solvent

Inspection Criteria	Unit	Lower lim. Value	Upper lim. Value	Test method
inspection criteria marked * are based upon powder analysis				
<b>Purity of metal</b>	%	99,7	-	
<b>Particle Size Distribution</b>				
<b>D10*</b>	µm	21	26	laser diffraction by Sympatec HELOS (dry)
<b>D50*</b>	µm	72	80	laser diffraction by Sympatec HELOS (dry)
<b>D90*</b>	µm	155	175	laser diffraction by Sympatec HELOS (dry)
<b>Apparent density</b>	g/cm <sup>3</sup>	0,80	1,20	ASTM B212-99
<b>Covering Capacity*</b>	cm <sup>2</sup> /g	4500	6500	LCI.001.0
<b>Pigment content</b>	%	77	82	LCI.003.0
<b>Solvent content</b>	%	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](http://www.avlmetalpowders.com) for additional information on our products related to shelf life and storage recommendations .

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