



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_08_80_v02

PRODUCT TYPE: ALUMINIUM PASTE

PRODUCT NAME: 08/*/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 | | | | |
| Purity of metal | % | 99,7 | - | |
| Particle Size Distribution | | | | |
| D10* | µm | 11 | 16 | laser diffraction by Sympatec HELOS (dry) |
| D50* | µm | 43 | 48 | laser diffraction by Sympatec HELOS (dry) |
| D90* | µm | 100 | 120 | laser diffraction by Sympatec HELOS (dry) |
| Apparent density | g/cm ³ | 0,80 | 1,20 | ASTM B212-99 |
| Covering Capacity* | cm ² /g | 7000 | 11000 | 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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