



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_BPASB_FT_85_v02

PRODUCT TYPE: BRONZE PASTE

PRODUCT NAME: FT/*/85-15

* 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)

| 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 | 0,50 | 2 | laser diffraction by Sympatec HELOS (dry) |
| D50* | µm | 2 | 5 | laser diffraction by Sympatec HELOS (dry) |
| D90* | µm | 5 | 10 | laser diffraction by Sympatec HELOS (dry) |
| Apparent density | g/cm ³ | 2,5 | 3,5 | ASTM B212-99 |
| Covering Capacity* | cm ² /g | 12000 | 18000 | LCI.002.0 |
| Pigment content | % | 82 | 87 | LCI.003.0 |
| Solvent content | % | 13 | 18 | 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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