

CONSTANT 4117/N

Bronze Powder



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Technical Data:

Typical Analysis*:

Bulk density:

approx. 0,5 kg/l

Residue on sieve 45 μm^1 :

max. 2 %

Mean particle diameter²:

approx. 11 μm

1) acc. to DIN 53196, 2) laser granulometry (Sympatec Helos)
*shade related deviations possible

Characteristics:

- Leafing pigment: Cu/Zn alloy
- Pigment shape: flake
- Surface treatment: SiO₂-encapsulation
- Shades available: Copper, Palegold, Richpalegold, Richgold
- Good resistance to increased temperature and chemical loads

Application:

- Powder coating
- Colouring plastic material, masterbatch
- Screen printing
- Textile coating



Recommendation for processing:

Recommended rate of pigmentation:

Plastics: 1 - 3%
Textile printing: 30 %
Powder coating: 15 %

A deterioration of the bronze pigment entails loss of brilliance and colour strength of the ink / masterbatches. Possible causes:

- High mechanical loads
- High acid or alkali media

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