

PP/970

Aluminium Powder



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Technical Data:

Typical Analysis:

Water coverage ¹⁾ :	approx. 20000 cm ² /g
Residue on sieve 75 µm ²⁾ :	max. 0,5 %
Residue on sieve 45 µm ²⁾ :	max. 3 %
Mean particle diameter ³⁾ :	approx. 17 µm

1) acc. to DIN55923, 2) acc. to DIN 53196, 3) laser granulometry (Sympatec Helos)

Characteristics:

- Leafing Aluminium Powder
- Pigment shape: Flake

Application:

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



Recommendation for processing:

Pigmentation:

Plastic:	approx. 3 %
Powder coating:	approx. 4 %
Gravure printing:	approx. 10 %
Screen printing :	approx. 15 %

The aluminium powder should be predispersed with an appropriate solvent (ratio 1:1) by the way of slow stirring to an agglomerate free compound.

A deterioration of the leafing power entails loss of brilliance and colour strength of the ink. Possible causes: Heavy mechanical loads during employment of perl- or roller mills or speedy stirring apparatuses. Furthermore moisture containing vehicles and solvents, water contend or high acid values of the binder or high processing temperatures.

Date of issue: 01.09.2008

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