

Microflocks - Baumwollflocken

Cotton – fibre filler

- for the production of fillers and adhesive compounds, as well as coupling layers in mould making
- for polyester and epoxy resins
- Addition quantity: up to 20%

Fibre type	in principle cotton
Fiber cross-section	Kidney-shaped
Fiber Thickness	Narrow side 3 - 12µm
	Broadside 10 - 40µm
Specifics	Weight 1.54 g/cm ³
Dry heat resistance for continuous exposure	approx. 120°C
Decomposition temperature	approx. 400°C
Moisture in delivery form	max. 7%
Color	white

Physical properties

Grinding		FB 1/035
Fiber Length	in mm	≈ 0.4
Bulk Density	in g/l	≈ 135
Residues on the Air jet screen According to DIN ISO 4610 Figures in %	32 µm	< 80
	63 µm	< 50
	100 µm	<15
	250 µm	-
	710 µm	-

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General technical specifications

Lightfastness	yellowed
Weather resistance	moderate
Ageing resistance	Good
Acid resistance	moderate
Alkali resistance	Good
Solvent resistance	Good
Source value in water	45 – 50 %
Fineness	25 – 50 cN/ tex
(Tensile strength)	350 – 700 N/ mm ²
Maximum force elongation	6 – 10 %
Module	300 - 600 cN/ tex
Electrical Resistivity	106 - 109 Ω cm

The values given depend to a large extent on the raw material, the moisture and the dye used.

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