PRODUCT DATA SHEET



Chopped Carbon Fibres

Type SFC...EPB

Fibre Type Carbon Shape in Section Round

Fibre Coarseness \approx 0,8 dtex/ \approx 7 μm

Specific Gravity 1,78 g/ cm³

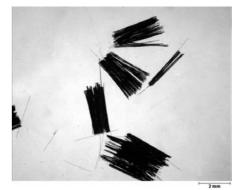
Resistance to Heat 2000°C in inert atmosphere

400°C in the air beginning of

oxidation

max. 2 % Moisture content on delivery

black Colour



Example: SFC 3 EPB

Physical Characteristics

Short Cut Fibres	SFCEPB	1	3	6	
Cut Length	in mm	1	3	6	
Number of Fibres of dry product	per gramme (approx.)	12.501.000	4.167.000	2.083.000	
Surface Area of dry product	in cm²	≈ 5500	≈ 5500	≈ 5500	
Packaging in plastic bags in box pallets 120 x 80 x	in kg of 100 cm of	10 200	10 200	10 200	

SIW E6.20.10

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1/2

General Technical Information



Chopped Carbon Fibres

SFC...EPB

Resistance to Light Good Weather Resistance Good Resistance to Ageing Good

Acid Resistance Good Alkali Resistance Good Solvent Resistance Good

Tensile Strength 2500 N/ mm² Elongation at Break 1,4 – 1,8 %

Modulus 215.000 – 240.000 N/ mm²

Specific Electrical Resistance 15 Ω µm

Surface Treatment Epoxy Level of Treatment 1,5-3% Fibre Surface Treat

The information corresponds with our current understanding and information about the products, their nature and spheres of application. No warranty is expressed or implied regarding the characteristics of the products or their suitability for any concrete means of application. Current patents are to be observed. Consistent quality is guaranteed within our standard terms of sale.

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