

Chopped Carbon Fibres

Type SFC...EPB

Fibre Type	Carbon
Shape in Section	Round
Fibre Coarseness	$\approx 0,8 \text{ dtex} / \approx 7 \mu\text{m}$
Specific Gravity	$1,78 \text{ g} / \text{cm}^3$
Resistance to Heat	2000°C in inert atmosphere 400°C in the air beginning of oxidation
Moisture content on delivery	max. 2 %
Colour	black



Example: SFC 3 EPB

Physical Characteristics

Short Cut Fibres	SFC...EPB	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 cm^2	≈ 5500	≈ 5500	≈ 5500		
Packaging	in kg					
in plastic bags	of	10	10	10		
in box pallets 120 x 80 x 100 cm	of	200	200	200		

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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/ mm ²
Elongation at Break	1,4 – 1,8 %
Modulus	215.000 – 240.000 N/ mm ²

Specific Electrical Resistance	15 Ω µm
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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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