

PRODUCT DATA SHEET

B23-016 TAP-CF/PEEK-10MM-PL-450

Bidirectional fabric with 10mm carbon tapes combined with peek matrix.



PROPERTIES

Property	Value
Fiber areal weight (FAW)	290 g/m ²
Weight per ply (PAW)	450 g/m ²
Resin content by weight	35%
Moisture pick up <i>(Kept in water 28 days at 23°C)</i>	0,8%
Consolidated ply thickness (CPT)	0,18 mm

FABRIC DESIGN

Property	Value
Fiber	Carbon Fiber
Matrix	PEEK
Pattern	Plain
Tape Width	10mm
Fabric Width <i>Contact us for special widths</i>	100 up to 200cm
Density	1 picks/cm

TYPICAL NEAT RESIN PROPERTIES

Property	Value
Density	1,14 g/cm ³
Tg	63°C
Tm (melt)	215°C
Tp (processing)	260°C

MAIN FEATURES:

- Flexible
- Recyclable
- Short Time Processing
- Easy to manipulate and cut
- Can be stored at room temperature

TYPICAL APPLICATIONS:

- Aeronautical
- Automotive
- Armor
- Reinforcements
- Nautical

The described values in this technical sheet are the estimated results obtained in the TEXFIRE TEXTILS TECNICS S.L internal laboratory according to standard methodologies. TEXFIRE reserves the right to change the parameters without the obligation to notice it previously.

