

PRODUCT DATA SHEET**B23-015 TAP-CF/PA6-12MM-PL-382**

Bidirectional fabric with 12mm carbon tapes combined with polyamide 6 matrix.

**PROPERTIES**

Property	Value
Fiber areal weight (FAW)	230 g/m ²
Weight per ply (PAW)	382 g/m ²
Resin content by weight	40% PA6
Moisture pick up <i>(Kept in water 28 days at 23°C)</i>	0,8%
Consolidated ply thickness (CPT)	0,18 mm

TYPICAL NEAT RESIN PROPERTIES

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

FABRIC DESIGN

Property	Value
Fiber	Carbon Fiber
Matrix	PA6
Pattern	Plain
Tape Width	12mm
Fabric Width <i>Contact us for special widths</i>	100 up to 200cm
Density	0,8 picks/cm

**MAIN FEATURES:**

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

TYPICAL APPLICATIONS:

- Sport goods
- Renewable Power
- Automotive
- Aesthetics

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.



www.blackfabric.eu
info@blackfabric.eu

C/LLobateres, 29- 08210 Barberà del Vallès, Spain