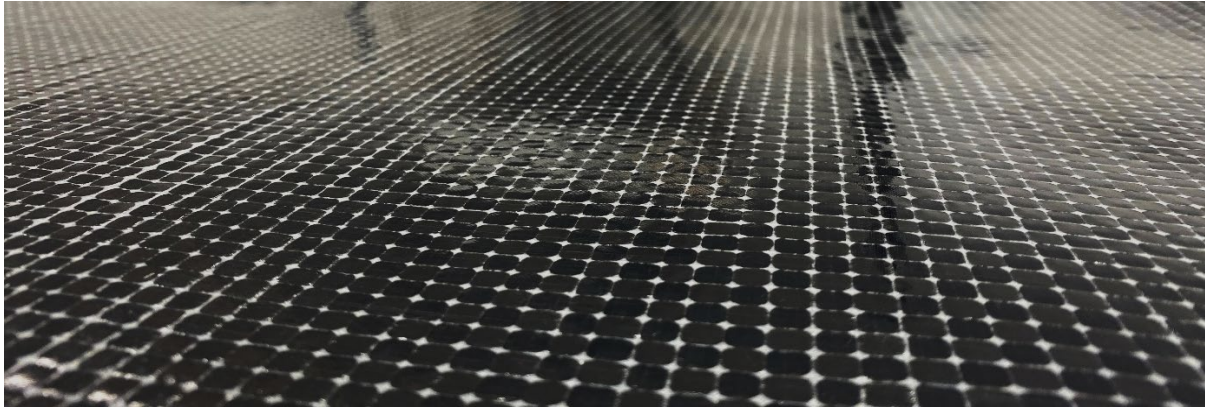


PRODUCT DATA SHEET**B22-008 BLACKPREPEG 12K PL 480**

Thermoplastic prepreg - Bidirectional 12K Carbon Fiber fabric laminated with 200g/m² BIOPA film.

**PHYSICAL PROPERTIES**

Property	Value
Fiber areal weight (FAW)	280g/m ²
Weight per ply (PAW)	480g/m ²
Resin content by weight	42% BIOPA
Moisture pick up <i>(Kept in water 28 days at 23°C)</i>	0,8%
Consolidated ply thickness (CPT)	0,27mm

FABRIC DESIGN

Property	Value
Fiber	12K CF
Matrix	Bio-PA
Pattern	Plain
Width <i>Contact us for special widths</i>	100cm
Density	1,7 picks/cm

TYPICAL NEAT RESIN PROPERTIES

Property	Value
Density	1,13 g/cm ³
Tg	63°C
Tm (melt)	215°C
Tp (processing)	250°C

MAIN FEATURES:

- Flexible
- Easy to manipulate and cut
- Suitable for aesthetic applications
- Same properties in both directions (0°/90°)

TYPICAL APPLICATIONS:

- Automotive
- Renewable Power
- Medical
- Aesthetics

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

