

PRODUCT DATA SHEET

B22-010 TSF-BIOPA100-FLAX-TW-580Thermoplastic Prepreg – Bidirectional Flax Fabric laminated with 200g/m² Bio-PA film.**PROPERTIES**

| Property | Value |
|---------------------------------|----------------------|
| Fiber areal weight (FAW) | 380 g/m ² |
| Weight per ply (PAW) | 580g/m ² |
| Resin content by weight | 34% Bio-PA |
| Consolidated ply thickness(CPT) | - |

FABRIC DESIGN

| Property | Value |
|--------------------------------------|----------------|
| Fibre | Flax |
| Matrix | BIO-PA |
| Pattern | Twill |
| Width | 100 cm |
| <i>contact us for special widths</i> | |
| Warp Density | 3,8 threads/cm |
| Weft Density | 3,5 picks/cm |

TYPICAL NEAT RESIN PROPERTIES

| Property | Value |
|-----------------|------------------------|
| Density | 1,13 g/cm ³ |
| Tg | 60°C |
| Tm (melt) | 190°C |
| Tp (processing) | 190°C |

MAIN FEATURES:

- Flexible
- Recyclable
- Low eco-impact
- Ready to be shaped
- Short Time Processing
- Easy to manipulate and cut

TYPICAL APPLICATIONS:

- Sports Goods
- Naval
- Automotive
- Renewable energy
- Consumer products
- 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.



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