Bamtac Bamboo Fiber Composite

The leader in environmentally friendly composite materials
Why choose Bamtac?

Bamtac is a leader in composite materials, being an accredited and trusted supplier to a number of customers within China and internationally. Bamtac’s advantages include:

• Located in an area with abundant raw material supplies (bamboo, plastics, etc)
• Patented formulation with continual Research & Development
• Logistics – close to port for time and cost efficiencies
• Customized products
• Guaranteed quality
What is Bamboo Fibre Composite?

- Bamboo fibres
- Plastic pellets
- Coupling agent
- Bamboo Fibre Plastic Pellets
Why use Bamboo Fiber Composite?

- Better mechanical properties compared to normal plastic
- Environmentally friendly - reduces the dependence on fossil fuel derived plastics
- Natural and unique surface texture, provided by the bamboo fibers.
- Antibacterial – bamboo is naturally antibacterial and this property is carried through to the bamboo fiber composite (see attached certification)
- Natural deodorant
- Biodegradability, the material in excess of 50% natural components
- Hygienic: certified to be used with foods
## Bamboo Fiber Composite vs other materials

<table>
<thead>
<tr>
<th></th>
<th>Bamboo</th>
<th>Plastics (e.g. PE, PP, PVC)</th>
<th>Bamboo Fiber Composite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Easily moldable</td>
<td>✗</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Environment friendly</td>
<td>✓</td>
<td>✗</td>
<td>✓</td>
</tr>
<tr>
<td>Anti-bacterial</td>
<td>✓</td>
<td>✗</td>
<td>✓</td>
</tr>
<tr>
<td>Natural Aroma</td>
<td>✗</td>
<td>✗</td>
<td>✓</td>
</tr>
<tr>
<td>Deodorizing Properties</td>
<td>✓</td>
<td>✗</td>
<td>✓</td>
</tr>
<tr>
<td>Food Safe</td>
<td>May have splinters</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Static Charge Build-up*</td>
<td>Low</td>
<td>High</td>
<td>Low</td>
</tr>
</tbody>
</table>

Note (*): Low static charge build-up is desirable for some products associated with the bodily contact such as combs, coat hangers etc.
Bamboo Fiber Composite
Current product list
Furniture

Chair

Stool

Lamp shade

Bar chair
Household goods

- Flower Pot
- Coat Hangers
- Broom
- Cane handle
- Broom handle
- Bottle brush handle
Toiletries

- Toothbrush
- Soap dispenser
- Comb
- Shaver casing

BAMTAC
Stationery

Marker

Pen Holder

Toy casing
Rigid/Tough Products

Dartboards

Auto Parts

Swing Board
Food contact

BAMTAC

Tray

Cups and bowls

Plates, fruit bowls

Pet bowl
Soft rubber handles

Tool handles

Fishing rod handles