Maru Hachi stands for

- More than 80 years of experience
- Over 10 years of experience in composites
- Family-owned
- Japan-based
- High quality development and manufacturing
- Flexible in designing materials

- One-stop shop for OEM, Tier1 and Tier2 (compression and injection molders)
- Innovative partner
- Joint developments
- Tailor-made engineering
- Make to order
- Customized lot sizes

Products

Full range of carbon, glass and aramid fibers, PU, PE, PP, TPU, PA6 and other specialty PAs, PPS, PEI, PES, LCP, PEEK

Material Combinations for thermoplastic composite materials

<table>
<thead>
<tr>
<th>POLYMERS</th>
<th>PP</th>
<th>PA6</th>
<th>PC</th>
<th>PEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIBERS</td>
<td></td>
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</tr>
<tr>
<td>CARBON</td>
<td>●</td>
<td>●</td>
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<td>●</td>
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<tr>
<td>GLASS</td>
<td>●</td>
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<td>●</td>
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<tr>
<td>ARAMID</td>
<td>●</td>
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</tr>
</tbody>
</table>

● NOT AVAILABLE  ● IMPORTANT  ● VERY IMPORTANT
Benefits of using Thermoplastics

Thermoplastic composite materials are used in dynamic structural applications in various market segments like Transportation, Electric and Electronics, Sports or Consumer goods and generally provide the following benefits:

- Weight reduction
- Nice appearance/good surface quality
- Tailored material properties incl. strength and stiffness
- Impact and corrosion resistance
- Energy absorption, good fatigue properties and environmental benefits
- High volume mass production capabilities and can be easily combined with other processes (integrative manufacturing technologies such as injection moulding, compression moulding, tape winding and tape placement)
- Short cycle times

Our offer

Services along the value chain

- One stop prototyping process with flexible style
- Prototyping services
- Advanced technology & equipment
- Continuous & discontinuous manufacturing
- System and machinery developed in-house
- Environmentally responsible production

Material know-how

- High-level material performance & integrated functionnalities
- Homogeneous and stable material
- Thin layers
- High toughness
- Flame retardancy
- Conductivity
- Complex shapes
- Materials are fully recycleable

Your contacts

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