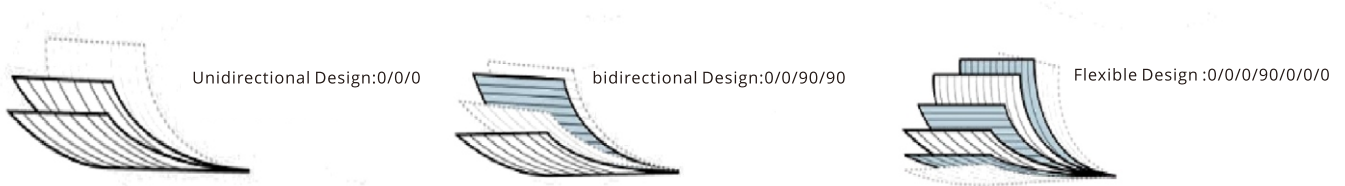
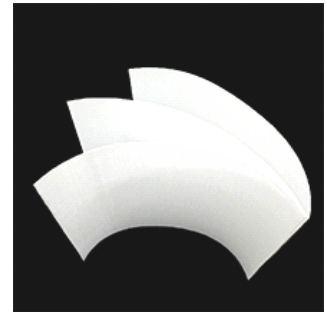


T-PC Series 2 Cross Ply CFRT Sheet

T-PC series 2 cross ply CFRT sheet is a continuous glass fiber reinforced PP sheet. The shaped part can be over-molded with additional resin for added stiffness and part integration. Its significant strength and stiffness properties are, in many cases, superior to most metals. The 2 cross ply CFRT sheets offer a viable replacement to metal parts in automotive body and structural components.



Technical Data

| Test Items | Test Standards | Units | Weight(g/m ²) | | |
|---------------------------|----------------|-------------------|---------------------------|---------|---------|
| | | | 480 | 680 | 1020 |
| Fiberglass Content | GB/T2577 | wt% | 65 | 65 | 65 |
| Density | GB/T1463 | g/m ³ | 1.55 | 1.55 | 1.55 |
| Tensile Strength | ISO527 | MPa | 350-425 | 350-425 | 350-425 |
| Tensile Modulus | ISO527 | GPa | 15 | 15 | 15 |
| Flexural Strength | ISO178 | MPa | 300-350 | 300-350 | 300-350 |
| Non-notch Impact Strength | ISO179 Charpy | KJ/m ² | 120-180 | 120-180 | 120-180 |

Note: The sample is molded through 0/90° 2 cross ply.