

CF-PA Technical Data Sheet(TDS)

| Property | Testing Method | Typical Value |
|------------------------------|--------------------|--------------------------------|
| Density | ISO1183, GB/T1033 | 1.21 g/cm ³ at 21°C |
| Melt Index | 235°C, 2.16Kg | 5.2 g/10 min |
| Property | Testing Method | Typical Value |
| Glass Transition | DSC, 10°C/min | 74°C |
| Heat Deflection Temperature | ISO 75 1.8 MPA | 140°C |
| Property | Testing Method | Typical Value |
| Tensile Strength (X-Y) | ISO 527, GB/T 1040 | 30 MPa |
| Tensile Strength (Z) | | 12 MPa |
| Elongation at break (X-Y) | ISO 527, GB/T 1040 | 1.5% |
| Elongation at break (Z) | | 0.9% |
| Bending modulus (X-Y) | ISO 178, GB/T 9341 | 1904 MPa |
| Bending modulus (Z) | | 675 MPa |
| Bending Strength (X-Y) | ISO 178, GB/T 9341 | 50 MPa |
| Bending Strength (Z) | | 20 MPa |
| Charpy impact strength (X-Y) | ISO 178, GB/T 9341 | 16 kJ/m ² |
| Charpy impact strength (Z) | | 3 kJ/m ² |

Updated on November 11, 2022