

CF-PA12 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