

CF-PC Technical Data Sheet(TDS)

Physical Properties	Standard	Unit	Typical Value
Density	ISO 1183	g/cc	1.38

Mechanical Properties	Standard	Unit	Typical Value
Tensile Strength, Break	ISO 527	MPa	72
Tensile Modulus	ISO 527	MPa	6205
Tensile Elongation, Break	ISO 527	%	2.5
Flexural Strength	ISO 178	MPa	92
Flexural Modulus	ISO 178	MPa	5880
Thermal Properties	Standard	Unit	Typical Value
Glass Transition Temperature	DSC	°C	143
Deflection Temperature @ 0.45MPa	ISO 75	°C	135

Electrical Property	Standard	Unit	Typical Value
Surface Resistance	ASTM D257	Ohm/sq	> 10 ⁹

Updated on May 11, 2026