

CF-PC Pellet Technical Data Sheet(TDS)

MECHANICAL PROPERTIES			
Property	Method	Value	
		X	Z
Tensile Strength	Modified ASTM D638	112.4MPa / 16.3ksi	50.3MPa / 7.3ksi
Tensile Modulus	Modified ASTM D638	11000MPa / 1.6Msi	3000MPa / 0.52Msi
Flexural Strength	Modified ASTM D790	180MPa / 26.1ksi	93.8MPa / 13.6ksi
Flexural Modulus	Modified ASTM D790	10800MPa / 1.6Msi	3800MPa / 0.6Msi

THERMAL PROPERTIES		
Property	Method	Value
Heat Deflection Temperature	ASTM D648 (Annealed), 1.82MPa,3.22mm	144° C / 291° F

OTHER PROPERTIES		
Property	Method	Value
Density	ASTM D792	0.044 lb/In ³ / 1.21g/cc

Updated on March 31, 2025