

GF-PC Pellet Technical Data Sheet(TDS)

MECHANICAL PROPERTIES			
Property	Method	Value	
		X	Z
Tensile Strength	Modified ASTM D638	84.8MPa / 12.3ksi	50.3MPa / 7.3ksi
Tensile Modulus	Modified ASTM D638	5240MPa / 0.76Msi	3030MPa / 0.44Msi
Flexural Strength	Modified ASTM D790	139.9MPa / 20.2ksi	115.1MPa / 16.7ksi
Flexural Modulus	Modified ASTM D790	5720MPa / 0.83Msi	3030MPa / 0.44Msi

THERMAL PROPERTIES		
Property	Method	Value
Heat Deflection Temperature	ASTM D648, 1.82MPa,3.22mm	139° C / 282° F

OTHER PROPERTIES		
Property	Method	Value
Density	ASTM D792	0.045 lb/In ³ / 1.24g/cc

Updated on May 31, 2026