

**CF-PLA Pellet Technical Data Sheet(TDS)**

MECHANICAL PROPERTIES		
Property	Method	Value
Elastic Tensile Modulus	ISO 527-1	12500MPa
Tensile Strength at Break	ISO 527-1	65MPa
Tensile Elongation at Break	ISO 527-1	0.5%
Charpy Impact Strength (Notched)	ISO 179-1eA, At 23° C	8kJ/m <sup>2</sup>
Charpy Impact Strength (Unnotched)	ISO 179-1eU, At 23° C	55kJ/m <sup>2</sup>

THERMAL PROPERTIES		
Property	Method	Value
VICAT Softening Point	N/A	60° C

OTHER PROPERTIES		
Property	Method	Value
Density	ISO 1183	1.3g/cm <sup>2</sup>

Updated on March 31, 2025