

### CF-PETG Pellet Technical Data Sheet(TDS)

MECHANICAL PROPERTIES		
Property	Method	Value
Elastic Tensile Modulus	ISO 527-1	4250MPa
Tensile Strength at Break	ISO 527-1	45MPa
Tensile Elongation at Break	ISO 527-1	4.9%
Charpy Impact Strength (Notched)	ISO 179-1eU	5.4kJ/m <sup>2</sup>
Charpy Impact Strength (Unnotched)	ISO 179-1eU	17kJ/m <sup>2</sup>

THERMAL PROPERTIES		
Property	Method	Value
VICAT, 50N	ISO 306, Heating Rate 50° C/h	80° C

OTHER PROPERTIES		
Property	Method	Value
Density	ISO 1183	1.32g/cm <sup>3</sup>

Updated on March 31, 2025