

**WOODEN PLA Pellets Technical Data Sheet(TDS)**
**PHYSICAL PROPERTIES**

Property	Testing Method	Typical Value
Density	ISO1183, GB/T1033	1.2 g/cm <sup>3</sup> at 21 °C
Melt Index	210°C, 2.16 Kg	12g/10min

**Thermal Properties**

Property	Testing Method	Typical Value
Glass transition	DSC, 10°C/min	64 °C
Melting temperature	DSC, 10°C/min	150 °C

**Mechanical**

Property	Testing Method	Typical Value
Young's modulus (X-Y)	ISO 527, GB/T 1040	3600 MPa
Tensile strength (X-Y)	ISO 527, GB/T 1040	39 MPa
Elongation at break (X-Y)	ISO 527, GB/T 1040	4 %
Charpy impact strength (X-Y)	ISO 179, GB/T 9343	20 KJ/m <sup>2</sup>

Updated on December, 2022