

PLA Wood-Fill

Polylactide

% by w	Content
40-70 %	Polylactide Polymers
10-40 %	Natural Plan Fiber

Physical	Test Method	Nominal Value (SI)
Density	GB/T 1933-2009	~1.00 g/cm ³
Melt Mass-Flow Rate (MFR) (190°C/5 kg)	GB/T 3682-2000	8-20 g/10 min
Mechanical		
Bending Strength	GB/T 9341-2008	≥ 5.0 MPa
Flexural Modulus	GB/T 9341-2008	≥ 26.0
Flexural Strength	GB/T 9341-2008	≥ 1200.0 MPa
Tensile Strength	GB/T 1040.1-2006	≥ 18.0
Elasticity Modulus	GB/T 1040.1-2006	≥ 1200.0
Elongation at Break	GB/T 1040.1-2006	≥ 9.0
Shore Hardness D	GB/T 1933-2009	≥ 70.0
Impact		
Impact Strength (Type A gap)	GB/T 1843-2008	≥ 5.0 kJ/m ²