



Technical Data Sheet (ISO)

WOOD-FILL PLA(Polylactic Acid)

WDF

Features Wood-fiber fill, Easy flow, Color variation dependent on temperature

Characteristics Real wood texture and feel, homogenous fiber content

Physical	Test Method	Value
Specific gravity	ISO 1183	1.1 g/cm ³
Mechanical	Test Method	Value
Tensile Strength	ISO 527	34 Mpa
Elongation(at break)	ISO 527	3.4-3.8 %
Tensile Modulus	ISO 527	3800 MPa
Flexural Modulus	ISO 178	3700 Mpa
Notched Impact strength (charpy)	ISO 179-1/1 eA	4.8 kJ/m ²
Impact strength (charpy)	ISO 179-1/1 eU	11.7 kJ/m ²
Thermal	Test Method	Value
Melting Point	ISO 3146-C	160-175 °C

Notes

These are just typical properties, not specifications.