

Polylactic Acid Biopolymer Film

Formula: PLA

Thickness: 0.05mm

Length 1: 100mm

Length 2: 100mm

Category: Green Production

Structure: Amorphous

Type: Biodegradable

Transparency: Transparent

CAS Number: 26023-30-3

UOM Code: 915-888-22

SKU: 1000225456-group

Product Code: ME34-FM-000100

Material Properties for Polymers

Mechanical Properties

Element	Value
Elongation at break(%)	6
Tensile modulus(GPa)	3.5
Izod impact strength(J m ²¹)	16
Tensile strength(MPa)	53

Thermal Properties

Element	Value
Heat-deflection temperature - 1.8MPa(C)	55

Physical Properties

Element	Value
Density(gcm ³)	1.24