

Biopolymer Polylactic Acid Biopolymer Granules

Grade: Biopolymer

Formula: PLA

Weight: 2000g

Molecular Weight: 193.3k g/mol

Melt Flow Rate (MFR): 8g/10min

Type: Extrusion Grade

Colour: Natural

CAS Number: 26023-30-3

UOM Code: 104-809-35

SKU: 1000018047-group

Product Code: ME34-GL-000120

Material Properties for Polymers

Mechanical Properties

Element	Value
Elongation at break(%)	6
Tensile modulus(GPa)	3.5
Izod impact strength(J m ²)	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