



badges & more

Bio-based Material Technical Data Sheet

Product Description : Following mentioned product is biodegradable, bio-polyester compound used for packaging. It meets EN13432 and ASTM D6400 certification for industrial compostable requirement.

Typical Application : single film/sheet or film, bags used for packaging

Chemical : PBAT/PLA compound

Form : Film

Performance : Has excellent strength and good processability as follow:

* The values are typical data based on the thickness 50microns, should not to be Regarded as specifications

Property	Unit	Test Method	Value
Density	g/cm ³	ISO 1183	1.26
Thickness	microns	ISO 1133	50
Vicat A/120	°C	ISO 306	96
Tear strength MD	N	GB/T1130-1991	121
Tear strength TD	N	GB/T1130-1991	109
Tensile strength MD	MPa	ISO 527	26
Tensile strength TD	MPa	ISO 527	23
Elongation at break MD	%	ISO 527	590
Elongation at break TD	%	ISO 527	670
Heat sealing strength	N	GB/T 2358	15

Store & Dry :

Temperature not exceed 60°C. The biodegradable material is temperature sensitive. Store at dry warehouse , prevent water, soil , sunshine . The shelf life is 12months.