



BIOBLEND TH **COMPOSTABLE POLYESTER COMPOUND**

Technical Data Sheet - Provisional

BIOBLEND TH is an industrially compostable polymer compound made with thermally stable polyester base polymer combination of PBAT/PLA. This grade contains carefully chosen polymers homogenously blended along with required package of special additives for smooth processing and stability. As the base polymers used are compostable, the final blend is completely compostable and would qualify as "Industrially Compostable" Polymer.

USAGE

- BIOBLEND TH is directly usable without blending with any polymer / additive
- Printable with standard printing process for polyolefins

ADVANTAGES

- Gives high film with good elongation comparable / surpassing those of industry standard polyolefins
- Eco-friendly alternative to single use plastics
- Possible to process in conventional polyolefin processing film extruders
- High PLA content

APPLICATION

- Liners, Lamination, Garment bags & other transparent applications

TECHNICAL SPECIFICATION

Properties	Test method	Unit	Typical value
Physical Properties			
Melt Flow Index @ 190° C/2.16kg	ASTM D-1238	gm / 10min	7 ± 1
Specific Gravity	ASTM D-792	-	1.23 ± 0.01
Mechanical Properties			
Notched Izod impact strength	ASTM D-256	Kg.cm/cm	25 ± 2
Tensile Strength at yield	ASTM D-638	Kg/cm ²	200 ± 10
Elongation @ Break	ASTM D-638	%	≥ 400
Flexural strength	ASTM D-790	Kg/cm ²	150 ± 10

Storage : The material shall be kept in a cool and dry place

Form : Pellets

Package : 25 kg bags

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DISCLAIMER:

The above Technical Data Sheet presents information and data, true and accurate to the best of our knowledge. No warranty express or implied can be made regarding performance or otherwise.

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