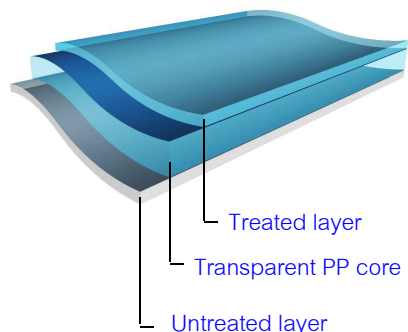




B-74

BOPP BIODEGRADABLE FILM



Description:

This environmental and user friendly biodegradable film provides same optical and mechanical properties as the standard BOPP film with the same performance parameters in printing, lamination and packaging.

This film is one step process landfill biodegradation induced by moisture and microbes verified by ASTM-5511

The service life of this film can be tailor made to meet customer application and specific requirement r.g. Adhesive tape, bakeries, flower wrap and bagging.

Characteristics :

Highly stable and not break down in heat light or mechanical stress and this requires no specific storage.

Biodegradation in process of microorganism and moisture largely exist in landfill and soil.

PROVISIONAL TECHNICAL DATA

TYPICAL PROPERTIES	UNIT	TEST METHODS	TYPICAL VALUE			
THICKNESS	Micron	Progage	30	35	40	
YIELD	m ² /kg	-	36.63	31.41	27.47	
DENSITY	g/cm ³	ASTM D-1505	0.91			
AVERAGE THICKNESS VARIATION	%	ASTM E-252	± 3			
TENSILE STRENGTH	kg/mm ² (min)	MD	ASTM D-882			13
		TD				24
ELONGATION AT BREAK	% (max)	MD	ASTM D-882			170
		TD				70
THERMAL SHRINKAGE (120°C 15 min)	% (max)	MD	ASTM D-1204			4.0
		TD				2.0
KINETIC C.O.F.	NT/NT	ASTM D-1894	0.4-0.6			
WETTING TENSION	Dyne/cm(min)	ASTM D-2578	38			
GLOSS (Angle 45°)	% (min)	ASTM D-2457	85			
HAZE	% (max)	ASTM D-1003	3.5			

DESCRIPTION OF SUPPLY

PAPER CORE I.D.	77 mm (3 in.) 153 mm (6 in.)
ROLL O.D.	max. 800 mm
WIDTH RANGE	100 mm - 1,500 mm. (other width on request)
COMBINATION WIDTH	6,000 mm
LENGTH RANGE	STANDARD 4,000 m., 6,000 m. (other length on request)
JOINT	maximum 10% per order

Food approval : Environmentally Friendly, Compliant with EU and FDA Food Contact Regulations (on request)

Storage condition: Should be kept in its original packing in dry storage with temperature not over 30-40°C

Disclaimer:

The information provided above is accurate to the best of our knowledge. It is however suggested that the customer confirms these values and product compatibility prior to their use. Thai Film Industries PCL offers no guarantees nor accepts any responsibility for the fitness of the product for any particular use.