



PETWIST

BT 1011 MBY

Description

PETWIST BT 1011 MBY is a transparent, twistable, BOPET film. Non heat sealable. One side is treated to give excellent adhesion to wide range of inks.

It is specially designed to have improved twistability for food and non-food packaging applications such as candy, sugar bars etc. Excellent machinability characteristics for high speed twist packagings with flow pack processing. Suitability for pouch type packaging should be approved at actual processes before using on long runs.

Please be informed that non-treated side also has a kind of affinity and film should be treated as both sides treated. It is advised to take care about possible blocking tendency during printing and further processing.

Lacquering with antistatic property onto print surface is recommended for smooth running at high speeds.

Properties

- Excellent twistability
- Excellent high-speed machinability
- High impact and tear resistance
- Excellent chemical resistance
- High gloss and clarity
- Excellent flatness
- Excellent ink, coating and adhesive adhesion
- The film shelf life is 9 months

Technical Features

PROPERTIES	TEST METHOD	UNITS	BT 1011 MBY		
THICKNESS	ASTM F 2251	micron	18	23	
		Gauge	72	92	
YIELD	ASTM D 4321	m ² /kg	39,7	31,1	
		in ² /Lbs	27.900	21.800	
UNIT WEIGHT	ASTM D 4321	g/m ²	25,2	32,2	
HAZE	ASTM D 1003	%	2,5		
GLOSS (45 °)	ASTM D 2457	%	125		
TENSILE STRENGTH AT BREAK	ASTM D 882	MD	N/mm ²	260	280
			lb/in ²	37.700	40.600
		TD	N/mm ²	280	300
			lb/in ²	40.600	43.500
ELONGATION AT BREAK	ASTM D 882	MD	%	140	160
		TD		110	120
COEFFICIENT OF FRICTION	ASTM D 1894	Film/Film (Dynamic)	0,40		
SURFACE TENSION	ASTM D 2578	Dyne/cm	Treated Side	56	
			Other Side	-	

Product Identification (Decision 97/129/EC): PET1

Regulatory Status

Our product complies with the applicable EC legislation on packaging involving direct contact with foods except metallized films. Full details are given on the Regulatory Compliance Certificate and can be found on our web site.

The information contained in this data sheet is true and accurate according to current state of our knowledge and intended to give general information on our products and their applications. Above values are to be considered as guidelines and not as product specifications. Since the actual conditions of use are beyond our control, users are advised to make their own tests at their specific conditions of laboratory and/or actual use. We suggest our customers to determine final suitability for their specific end uses.

Also be advised that information on this data sheet shall not be construed as an inducement or recommendation to use any process or to manufacture or use any product in conflict with existing, pending or future patents.

For related spec sheet with tolerance values, please contact our sales departments

STANDARD ROLL DIMENSIONS			
CORE INNER DIAMETER (ID)	CORE OUTER DIAMETER (OD)	LENGTH TOLERANCE	WIDTH TOLERANCE
76 mm (3 in) & 152 mm (6 in)	530 mm & 790 mm *	± % 10 for all OD's	- 0 & + 4 mm

* 790 mm OD is available for BOPET films above 400 mm width