



PETLAIN

BT 1011 MMA

Description

PETLAIN BT 1011 MMA is a transparent, biaxially oriented polyester (BOPET) film. Non heat sealable. One side treated to give excellent adhesion to wide range of inks and lamination adhesives. Other side is specially modified to give high coefficient of friction (COF) and low slip property for stacking of bags, pouches, etc.

Modified high COF surface is designed to prevent slippage of bags during stacking in storage or palletizing.

Please be informed that modified high COF side blocks against itself. This property could be changed when this film is laminated with high slip content films such as PE. Such additivated films can have a transfer effect when the final structure is wound as rolls and lower COF values can be found after lamination. We advise to check final results before long run productions.

Properties

- High static COF/Low Slip property
- Stacking of large volume bags & pouches
- Excellent machinability during processing
- Excellent flatness
- Good dimensional stability
- Excellent chemical resistance
- High gloss and clarity
- Excellent ink, coating and adhesive adhesion
- The film shelf life is 9 months

Technical Features

PROPERTIES	TEST METHOD	UNITS		BT 1011 MMA
THICKNESS	ASTM F 2251	micron		12
		Gauge		48
YIELD	ASTM D 4321	m ² /kg		59,5
		in ² /Lbs		41.800
UNIT WEIGHT	ASTM D 4321	g/m ²		16,8
HAZE	ASTM D 1003	%		1,3
GLOSS (45 °)	ASTM D 2457	%		130
TENSILE STRENGTH AT BREAK	ASTM D 882	MD	N/mm ²	240
			lb/in ²	34.800
		TD	N/mm ²	260
			lb/in ²	37.700
ELONGATION AT BREAK	ASTM D 882	MD	%	140
		TD		110
THERMAL SHRINKAGE (150 °C, 30 min, air)	ASTM D 1204	MD	%	2
		TD		0,5
COEFFICIENT OF FRICTION	ASTM D 1894	Film/Film High COF Side		Blocking
SURFACE TENSION	ASTM D 2578	Dyne/cm	Treated Side	56
			High COF 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