



SUPCOAT

BT 7211 PPM

Description

SUPCOAT BT 7211 PPM is a white pigmented, biaxially oriented polyester (BOPET) film with peelable seal property on one side. Other side is topcoated for excellent printable and adhesion property with broad range of ink systems including UV print technology. Top coating formulation is designed to resist humidity.

Any possible caution for blocking tendency during printing and/or other process should be taken since the film is both sides coated.

Properties

- Peelable seal to PP
- Superior mechanical strength
- Excellent stiffness
- Excellent machinability and flatness
- Good dimensional stability
- Excellent chemical resistance
- Easy open peelable seals
- Suitable for punching or side cutting.

Applications

It is specially designed for use in lidding applications where peelable seal property is needed to wide range of substrates like PP.

Technical Features

PROPERTIES	TEST METHOD	UNITS	BT 7211 PPM	
THICKNESS	ASTM F2251	micron	40	54
		Gauge	160	216
YIELD	ASTM D4321	m ² /kg	18,4	13,5
		in ² /Lbs	13.000	9.500
UNIT WEIGHT	ASTM D4321	g/m ²	54,4	74
GLOSS (45 °)	ASTM D2457	%	80	
OXYGEN TRANSMISSION RATE (23°C-0%RH)	ASTM D3985	cc/m ² /24hrs	≤ 100	
		cc/100in ² /24hrs	≤ 6,5	
WATER VAPOUR TRANSMISSION RATE (38°C-90%RH)	ASTM F1249	g/m ² /24hrs	≤ 30	
		g/100in ² /24hrs	≤ 2	
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm ²	160
			lb/in ²	23.200
		TD	N/mm ²	200
			lb/in ²	29.000
ELONGATION AT BREAK	ASTM D882	MD	%	
		TD	%	
THERMAL SHRINKAGE (150 °C, 30 min, air)	ASTM D1204	MD	%	
		TD	%	
COEFFICIENT OF FRICTION	ASTM D1894	Topcoat Side/Metal		0,55
		Other Side/Metal		0,35
SURFACE TENSION	ASTM D2578	Dyne/cm	Topcoat Side	38
			Peelable-Side	-
HEATSEAL RANGE	ASTM F88	°C		160-240
		°F		320-464
HEATSEAL STRENGTH to PP (190 °C, 4 MPa, 1 s)	Internal	N/15mm	5,0	

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. The film shelf life is 6 months. Modified PU based ink series offer good adhesion and printability.

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

REV: 01 Date: 01.04.2021