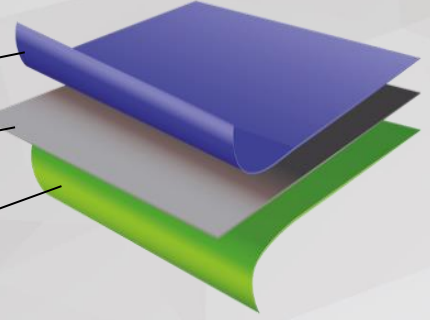


Heat Resistant Treated Polypropylene Layer

Polypropylene Core Layer

Peelable Layer



SUPCOAT

7011 HPC

Description

SUPCOAT 7011 HPC is a transparent biaxially oriented polypropylene (BOPP) film with peelable seal property. Other side is treated.

Properties

- Peelable seal to APET, CPET, PP (at 190 oC)
- Excellent machinability and flatness
- Good dimensional stability
- Excellent chemical resistance
- Easy open peelable seals

Applications

It is specially designed for use in lidding applications where peelable seal property is needed to wide range of substrates like APET, CPET. It has sealing ability against PP trays when high temperature (190 oC) is applied. But, we recommend to make modification on sealing heads since PP lidding film can be deformed at high temperatures.

The film have adhesions property with broad range of ink systems including UV print technology.

Please contact customer service representative for the application compliance.

Technical Features

PROPERTIES	TEST METHOD	UNITS	7011 HPC	
THICKNESS	ASTM F2251	micron	54	
		Gauge	216	
YIELD	ASTM D4321	m ² /kg	20,2	
		in ² /Lbs	14.200	
UNIT WEIGHT	ASTM D4321	g/m ²	49,5	
HAZE	ASTM D1003	%	12	
GLOSS (45 °)	ASTM D2457	%	100	
OXYGEN TRANSMISSION RATE (23°C-0%RH)	ASTM D3985	cc/m ² /24hrs	≤ 1.000	
		cc/100in ² /24hrs	≤ 65	
WATER VAPOUR TRANSMISSION RATE (38°C-90%RH)	ASTM F1249	g/m ² /24hrs	≤ 5	
		g/100in ² /24hrs	≤ 0,45	
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm ²	150
			lb/in ²	21.800
		TD	N/mm ²	290
			lb/in ²	42.000
ELONGATION AT BREAK	ASTM D882	MD	%	190
		TD	%	60
THERMAL SHRINKAGE (120 °C, 5 min, air)	ASTM D1204	MD	%	3
		TD	%	1
COEFFICIENT OF FRICTION	ASTM D1894	Coated Side/Metal		0,55
		Other Side/Metal		0,35
SURFACE TENSION	ASTM D2578	Dyne/cm	Coated Side	-
			Other Side	38
HEATSEAL RANGE	ASTM F88	°C		100-150
		°F		212-302
HEATSEAL STRENGTH to APET/CPET (150 °C, 4 MPa, 1 s)	Internal	N/15mm		5.0

Product Identification (Decision 97/129/EC): PP5

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: 13.04.2021