



SUPCOAT

7111 L1H

Description

SUPCOAT 7111 L1H is a white opaque high density cavitated biaxially oriented polypropylene (BOPP) film. One side acrylic coated, with aroma barrier property. Non-treated layer has low temperature seal (LTS) down to 75°C (167°F). LTS side provides excellent performance on high speed HFFS machines.

Properties

- One side acrylic coated
- Excellent wide sealing range
- Excellent aroma barrier
- Excellent opacity and whiteness
- Excellent ink adhesion on acrylic side
- Excellent stiffness

Applications

Acrylic coated side provides gas & aroma barrier and excellent support for printing. Low temperature sealable layer is suitable for high speed HFFS machines for making units and/or multiple packs.

Acrylic and LTS coatings are not seal compatible.

Technical Features

PROPERTIES	TEST METHOD	UNITS	7111 L1H		
THICKNESS	ASTM F2251	micron	25	35	40
		Gauge	100	140	160
YIELD	ASTM D4321	m ² /kg	49,5	35,4	31,0
		in ² /Lbs	34.800	25.000	21.800
UNIT WEIGHT	ASTM D4321	g/m ²	20,2	28,2	32,2
GLOSS (45 °)	ASTM D2457	%	85		
OPACITY	DIN 53146	%	80		
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	≤ 0,32		
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm ²	80	
			lb/in ²	11.600	
		TD	N/mm ²	160	
			lb/in ²	23.200	
ELONGATION AT BREAK	ASTM D882	MD	%	120	
		TD		40	
THERMAL SHRINKAGE (120 °C, 5 min, air)	ASTM D1204	MD	%	3	
		TD		1	
COEFFICIENT OF FRICTION	ASTM D1894	Acrylic/Acrylic		0,45	
		LTS/LTS		0,40	
SURFACE TENSION	ASTM D2578	Dyne/cm	Acrylic Side	38	
			Other Side	-	
HEATSEAL RANGE	ASTM F88	°C	LTS/ LTS	75-145	
		°F		167-293	
HEATSEAL STRENGTH to Low SIT (75 °C, 1 MPa, 1 s)	ASTM F88	N/15m m	LTS/ LTS	2,0	

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