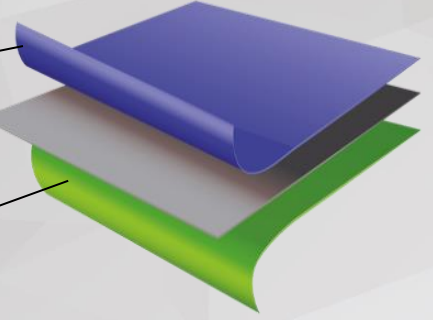


Printable High Barrier Coated Layer

Cavitated Core Layer

Low Temperature Sealable Layer



SUPCOAT

7111 LOH

Description

SUPCOAT 7111 LOH is a white opaque, cavitated, biaxially oriented polypropylene (BOPP) film with a new generation of high barrier coating. It is a chlorine-free coating with non heatsealable property.

Non-treated sealing layer has low temperature seal (LTS) down to 75°C (167°F).

The coated side can be printed with suitable inks formulated for this surface. It is advised to consult with ink manufacturers and/or to approve at present conditions. The coated side is also suitable for lamination and we highly recommend that this layer is within laminate construction.

Properties

- New generation chlorine-free gas barrier coating
- Outstanding oxygen, gas and aroma barrier
- Excellent gloss, opacity and whiteness
- Excellent print receptive coating
- Excellent lamination adhesion on coated surface
- Excellent wide sealing range
- Excellent hot tack and heat seal strength

Applications

Low temperature sealable layer is suitable for high speed HFFS machines for making units and/or multiple packs such as bars, crackers, biscuits, etc.

Supcoat 7111 LOH is not suitable for high temperature applications such as pasteurization and sterilization. Also not suitable for liquid packagings and foods with high humidity content.

Technical Features

PROPERTIES	TEST METHOD	UNITS	7111 LOH	
THICKNESS	ASTM F2251	micron	25	
		Gauge	100	
YIELD	ASTM D4321	m ² /kg	50	
		in ² /Lbs	35.200	
UNIT WEIGHT	ASTM D4321	g/m ²	20	
GLOSS (45 °)	ASTM D2457	%	75	
LIGHT TRANSMISSION	ASTM D1746	%	27	
OPACITY	DIN 53146	%	78	
OXYGEN TRANSMISSION RATE (23°C-0%RH)	ASTM D3985	cc/m ² /24hrs	≤ 10	
		cc/100in ² /24hrs	≤ 0,65	
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	%	3,0
		TD	%	1,0
COEFFICIENT OF FRICTION	ASTM D1894	Barrier/ Barrier		0,45
		LTS/LTS		0,30
SURFACE TENSION	ASTM D2578	Dyne /cm	Barrier Side	44
			LTS Side	-
HEATSEAL RANGE	ASTM F88	°C	LTS/ LTS	75-145
		°F	LTS/ LTS	167-293
HEATSEAL STRENGTH (75 °C, 1 MPa, 1 s)	ASTM F88	N/15 mm	LTS/ LTS	2

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. Also the film should be stored away from sunlight and without moisture. 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