

Treated Sealant Layer

SUPEX 2011

Description

SUPEX 2011 is a transparent, coextruded, biaxially oriented polypropylene (BOPP) film. Both sides heat sealable. One side treated.

Lamination purpose packaging film for use on HFFS and VFFS packaging machines where the strong seals and excellent hot-tack is needed. It can be used as single ply and as lamination film to itself and to other substrates.

Properties

- Broad seal range
- · Excellent hot tack and heat seal strength
- Good hot slip
- Excellent dimensional stability
- High clarity and gloss
- Good moisture barrier
- Resistance to chemicals, greases and oils
- Excellent adhesion to inks, coatings and lamination adhesives
- Low static property
- The film shelf life is 12 months



Factory & Head Office Başpınar (Organize) OSB Mahallesi O.S.B 2. Bölge Hacı Sani Konukoğlu Bulvarı No:1 P +90 342 211 60 00 (20 lines) F +90 342 337 28 70 Superfilm Europe S.A 37 Esplanade de la Moselle 90, Wasserbillig, Luxembourg P +352 261 19 922 F+352 261 19 921



Technical Features

PROPERTIES	TEST METHOD UNITS		2011									
	ASTM F2251	micron		15	17	18	20	25	30	35	40	50
THICKNESS		Gauge		60	68	72	80	100	120	140	160	200
YIELD	ASTM D4321	m²/kg		73,3	64,6	61,1	54,9	44,0	36,6	31,4	27,5	22,0
		in²/Lbs		51.500	45.400	43.000	38.600	30.900	25.800	22.100	19.300	15.500
UNIT WEIGHT	ASTM D4321	g	/m²	13,7	15,5	16,4	18,2	22,8	27,3	31,9	36,4	45,5
HAZE	ASTM D1003	%		1,7				2,0				
GLOSS (45 °)	ASTM D2457	%		92								
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm²	160								
		WD	Ib/in ²	23.200								
		TD	N/mm²	280								
			lb/in²	40.600								
ELONGATION AT	ASTM D882	MD	%	185								
BREAK		TD		65								
THERMAL SHRINKAGE	ASTM D1204	MD	%	3								
(120 °C, 5 min, air)		TD		1								
COEFFICIENT OF	ASTM D1894	Film/Film		0,30								
		Film/Metal Treated		0,20								
SURFACE TENSION	ASTM D2578	Dyne/c m	Side					38				
	02510	Side		•								
HEATSEAL RANGE	ASTM F88	°C		105-145								
		°F		221-293								
HEATSEAL STRENGTH (120 °C, 1 MPa, 1 s)	ASTM F88	N/15mm		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 film can also be supplied with ISCC+ certified raw materials with the category of bio-circular feedstock under the product group of SUPRENEW and category of circular feedstock under the product group of SUPCYCLE. SUPRENEW and SUPCYCLE products are certified with "Mass Balance" chain of custody system under ISCC+ and due to chemical processing of the feedstock, there is no compromise & change on any specific feature of the film given in this TDS regardless of the sustainable content in the film. Therefore all product properties of this film covers the same product code with SUPRENEW or SUPCYCLE brand. Three digits will be added to the end of the ISCC+ certified product code. SUPRENEW products will be differentiated with Rxx (R will communicate that the film is circular xx code will communicate the sustainable content % of the film) and SUPCYCLE products will be differentiated with Pxx (P will communicate that the film is circular xx code will communicate the sustainable content % of the film). Further details of the sustainable content of the film will be given in the Sustainability Declaration (SD) prepared for each ISCC+ certified order.

The information contained in this data sheet is true and accurate according to current state of our knowledge and intented 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					
1	76 mm (3 in) & 152 mm (6 in)	530 mm & 790 mm *	± % 5 for ≤ 390 mm OD ± % 10 for > 390 mm OD	- 0 & + 4 mm					

* 790 mm OD is available for BOPP films above 350 mm width



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