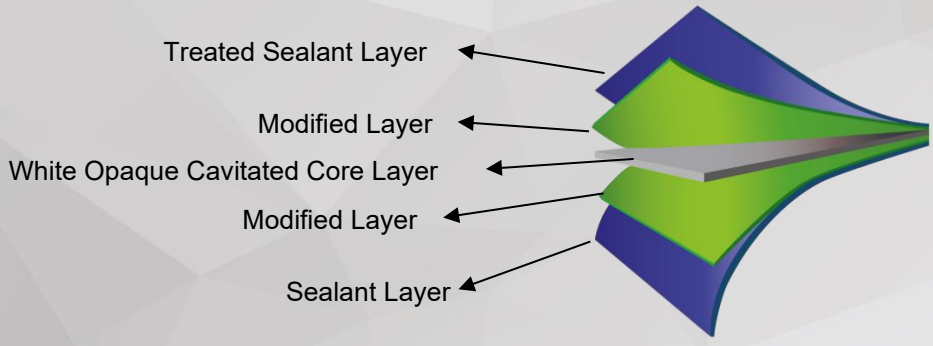
SUPER FILM
PACKAGING FILMS

PRELIMINARY



SUPEARL

2111 MPL

Description

SUPEARL 2111 MPL is a white opaque, cavitated, biaxially oriented polypropylene (BOPP) film. One side treated.

Both sides heat sealable.

Specially designed as a white opaque lamination film to paper or board. It can also be laminated to BOPP, BOPET or other substrates. High gloss and improved opacity for a brilliant appearance.

Properties

- Moderate density and high yield design
- Improved stiffness for excellent machinability
- Outstanding opacity to prevent product show-through
- Improved gloss for excellent graphic design
- Excellent ink adhesion
- Good mositure barrier
- Enhanced UV light protection

SANKO

Factory & Head Office
Başpınar (Organize) OSB Mahallesi O.S.B
2. Bölge Hacı Sani Konukoğlu Bulvarı No:1
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37 Esplanade de la Moselle 90,
Wasserbillig, Luxembourg
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www.superfilm.com

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Technical Features

PROPERTIES	TEST METHOD	UNITS		2111 MPL
THICKNESS	ASTM F2251	micron		18
		Gauge		72
YIELD	ASTM D4321	m^2/kg		75,1
		in^2/Lbs		52.800
UNIT WEIGHT	ASTM D4321	g/m^2		13,3
GLOSS (45 °)	ASTM D2457	%		80
LIGHT TRANSMISSION	ASTM D1746	%		40
OPACITY	DIN 53146	%		60
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm²	80
			lb/in²	11.600
		TD	N/mm²	190
			lb/in²	27.600
ELONGATION AT BREAK	ASTM D882	MD	%	100
		TD		30
THERMAL SHRINKAGE (120 °C, 5 min, air)	ASTM D1204	MD	%	4
		TD		2
COEFFICIENT OF FRICTION	ASTM D1894	Film/Film		0,40
		Film/Metal		0,25
SURFACE TENSION	ASTM D2578	Dyne/cm	Treated Side	38
			Other 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

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 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

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REV: 02 Date: 06.05.2020

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