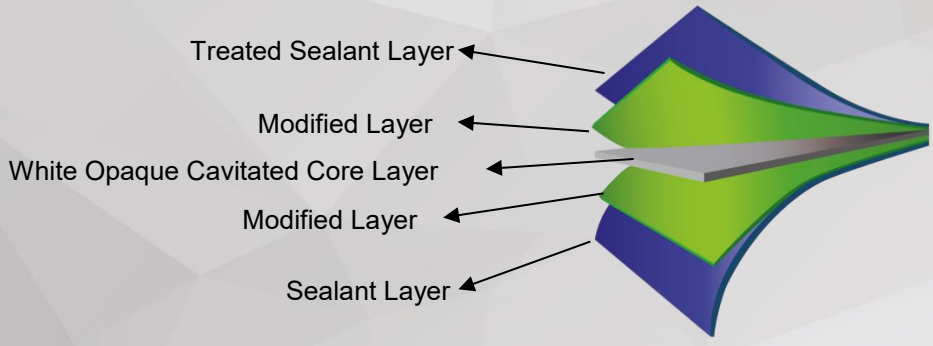
SUPER FILM
PACKAGING FILMS



SUPEARL

2111 MP

Description

SUPEARL 2111 MP is a white opaque, cavitated, biaxially oriented polypropylene film with improved stiffness. One side treated. Both sides heat sealable.

General purpose, heat sealable white opaque cavitated film for ice-cream, wafers, snacks, biscuits packaging etc. where improved stiffness is required for better machinability.

Properties

- Moderate density and yield
- Excellent stiffness compared with standard cavitated films
- Outstanding opacity to prevent product show-through
- Good moisture barrier
- Excellent UV light protection
- Broad seal range

SANKO

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2. Bölge Hacı Sani Konukoğlu Bulvarı No:1
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www.superfilm.com

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Technical Features

PROPERTIES	TEST METHOD	UNITS		2111 MP		
THICKNESS	ASTM F2251	micron		25	35	40
		Gauge		100	140	160
YIELD	ASTM D4321	m^2/kg		55,6	39,7	34,7
		in^2/Lbs		39.100	27.900	24.400
UNIT WEIGHT	ASTM D4321	g/m^2		18,0	25,2	28,8
GLOSS (45 °)	ASTM D2457	%		75		
LIGHT TRANSMISSION	ASTM D1746	%		35	25	20
OPACITY	DIN 53146	%		70	78	80
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm^2	80		
			lb/in^2	11.600		
		TD	N/mm^2	170		
			lb/in^2	24.700		
ELONGATION AT BREAK	ASTM D882	MD	%	100		
		TD		40		
THERMAL SHRINKAGE (120 °C, 5 min, air)	ASTM D1204	MD	%	3		
		TD		1		
COEFFICIENT OF FRICTION	ASTM D1894	Film/Film		0,45		
		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.00 Date: 22.04.2019

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