



SUPEARL

2111 MW

Description

SUPEARL 2111 MW is a white opaque, cavitated, coextruded, biaxially oriented polypropylene (BOPP) film. Both sides heat sealable. One side treated.

High gloss printability for eye-catching products specially ice-cream, wafers, snacks and etc. It can be used as single web surface print applications and as lamination substrate with other films.

White color also saves white base color print.

Properties

- Low density and high yield
- Outstanding opacity
- High gloss
- Broad heat seal strength and hot tack
- Excellent UV protection
- Good moisture barrier

Technical Features

PROPERTIES	TEST METHOD	UNITS	2111 MW	
THICKNESS	ASTM F2251	micron	30	35
		Gauge	120	140
YIELD	ASTM D4321	m ² /kg	49,8	42,6
		in ² /Lbs	35.000	30.000
UNIT WEIGHT	ASTM D4321	g/m ²	20,1	23,5
GLOSS (45 °)	ASTM D2457	%	80	
LIGHT TRANSMISSION	ASTM D1746	%	30	
OPACITY	DIN 53146	%	70	75
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm ²	70
			lb/in ²	10.200
		TD	N/mm ²	150
			lb/in ²	21.800
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	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 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.

For related spec sheet with tolerance values, please contact our sales departments