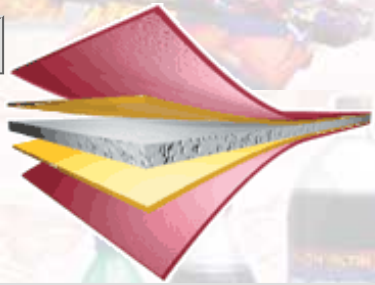
technical data sheet

SUPEARL 2111MW

Structure



Treated sealant layer

Modified polyolefin layer

High opaque cavitated core layer

Modified polyolefin white layer

Sealant layer

Description

SUPEARL 2111MW is a pearlized, cavitated,coextruded, biaxially oriented polypropylene film
Two sides heat sealable.One side treated.

Properties

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

Applications

High gloss prints for eye-catching products like ice-cream,wafers,snacks and etc. It can be used as single web surface print applications and as laminations with other films. White color also saves white base color print.

SÜPER FİLM
PACKAGING FILMS

BOPP TECHNICAL PROPERTIES								
SUPEARL 2111MW								TEST METHOD
THICKNESS		MICRON	30	35,0	40	45	50	SF1210TL350 ASTM D 2673
		GAUGE	118,1	137,8	157,5	177,2	196,9	
YIELD		m^2/kg	49,8	42,6	37,3	33,2	30	SF1210TL0210 ASTM D 2673
		in^2/Lbs	35013	29951	26224	23342	21092	
TENSILE STRENGTH	MD	N/mm^2	80					SF1210TL0370 ASTM D 882
		lb/in^2	11594					
	TD	N/mm^2	140					
		lb/in^2	20289					
ELONGATION AT BREAK	MD	%	100					SF1210TL0340 ASTM D 1204
	TD	%	40					
THERMAL SHRINKAGE	MD	%	4					SF1210TL0340 ASTM D 1204
	TD	%	2					
COEFFICIENT OF FRICTION		Film/Film	0,40					SF1210TL0280 ASTM D 1894
		Film/Metal	0,25					
OPACITY		%	80	85,0	85	87	87	SF1210TL0270 ASTM D 1003
GLOOS(45°)		%	85	85	85	85	85	SF1210TL0300 ASTM D 2457
SURFACE TENSION		Dyn/cm	38					SF1210TL0230 ASTM D 2578
HEATSEAL RANGE		°F	248-293					SF1210TL0400 ASTM F 88
		°C	120-145					
HEATSEAL STRENGTH		N/15mm	>2,5					SF1210TL0400 ASTM F 88

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 specifýc 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 departmens

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