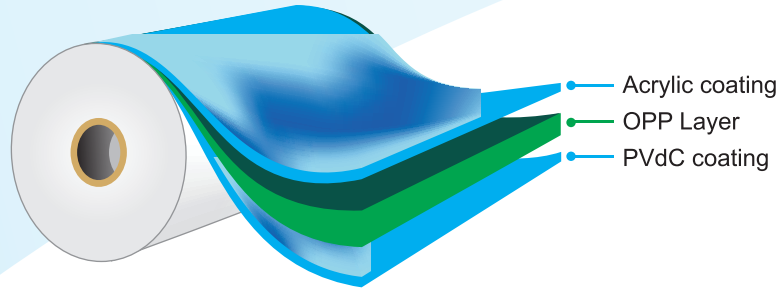


Functionally Modified Clear Film C1011 (A-P)

Typical Values

Structure



Description

One side acrylic and other side PVdC coated, clear
Bi-axially Oriented Polypropylene film

Features

- Excellent machinability
- Good gloss and transparency
- Low seal threshold on acrylic side
- Good heat seal strength
- Excellent hot tack properties
- Good aroma, oxygen and moisture barriers properties
- Excellent printability
- Solvent free coating
- Excellent dimensional stability and stiffness

Applications

- Food packaging applications (Suitable for packaging oxygen sensitive and high fat content food)

Properties	Ref.	Units	Astm # / Test Method	C1011 (A-P)			
Physical Data							
Average Thickness		micron	D-374-C	26	32	43	53
		gauge		102.36	125.98	169.29	208.66
Thickness Variation		% (±)		3			
Average Substance		g/m ²		24.4	29.94	40.1	51.86
Kinetic COF	A-A		D-1894	0.30			
	P-P			0.40			
Yield		in ² /lb	D-4321	28800	23500	17525	13555
Optical Data							
Gloss (45 °)	A	gardner	D-2457	>100			
	P			> 102			
Haze		%	D-1003	2.2 -3.2			
Mechanical Data							
Tensile Strength	MD	kg/ cm ²	D-882	1200 - 1500			
	TD			2400 - 2800			
Elongation	MD	%	D-882	140 - 180			
	TD			40 - 80			
Thermal Data							
Shrinkage (248 °F, 5 min.)	MD	%	D-1204	2 - 4			
	TD			1 - 3			
Heat Seal Range (2.0 bar 0.5 s)	A	°F	CTM	194 - 293			
	P			203 - 293			
Heat Seal Strength (266 °F 2.0 bar 0.5 s)	A-A	g/in	CTM	400	450	550	
Heat Seal Strength (266 °F 2.0 bar 0.5 s)	P-P	g/in	CTM	450	500	550	
Barrier Data							
MVTR (100°F, 90%RH)		g/100in ² /d	F-1249	0.27	0.25	0.19	0.16
OTR (73°F, 0%RH)		cc/100in ² /d	D-3985	2.26			

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction A-A: Acrylic coating P-P: PVdC coating

Disclaimer : The information provided above is based on COSMO FILMS LTD's conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.

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