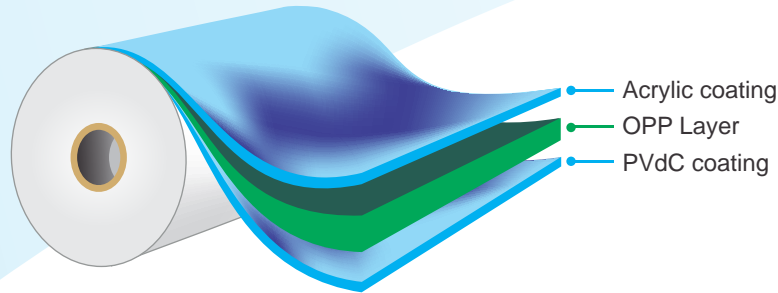


Functionally Modified Clear Film

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	42
Thickness Variation		% (±)		3		
Average Substance		g/m ²		24.4	29.94	39.0
Kinetic COF	A-A		D-1894	0.30		
	P-P			0.40		
Yield		m ² /kg	D-4321	40.98	33.40	25.64
Optical Data						
Gloss (45 °)	A	gardner	D-2457	95 - 99		
	P			98 - 102		
Haze		%	D-1003	2.0 - 3.0		
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 (120 °C, 5 min.)	MD	%	D-1204	2 - 4		
	TD			1 - 3		
Heat Seal Range (2.5 bar-0.5 s-bar seal)	A	°C	CTM	50		
	P			30		
Heat Seal Strength (130 °C-2.5 bar-0.5 s-bar seal)	A-A	g/25mm	CTM	> 350		
Heat Seal Strength (140 °C-2.5 bar-0.5 s-bar seal)	P-P	g/25mm	CTM	550	550	600
Barrier Data						
MVTR (38°C, 90%RH)		g/m ² /24h	F-1249	4.2	3.8	2.9
OTR (23°C, 0%RH)		cc/m ² /24h	D-3985	35	35	35

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction

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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