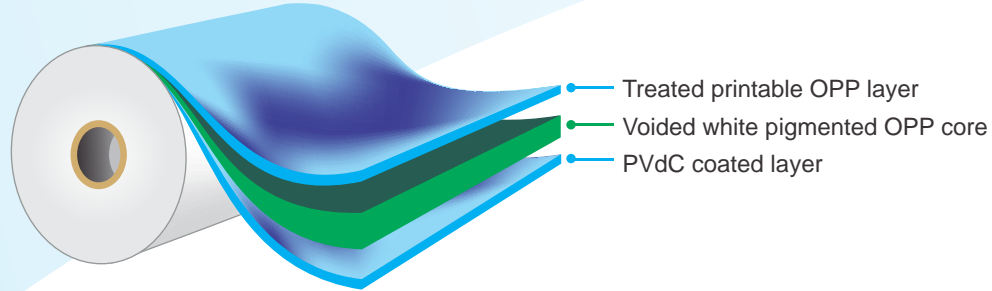


# Functionally Modified White Opeque Film

## C1006 (P)

### Structure



### Description

One side treated and other side PVdC coated, white opaque cavitated Bi-axially Oriented polypropylene film.

### Features

- Excellent machinability
- Excellent gloss
- Low seal threshold on pvdc side
- Superior opacity and high yield
- Good oxygen and moisture barrier properties
- Solvent free coating
- Excellent dimensional stability and stiffness
- Treated surface suitable for printing and over-lacquering

### Applications

- Food packaging

### Typical Values

Properties	Ref.	Units	Astm # / Test Method	C1006 (P)
<b>Physical Data</b>				
Average Thickness		micron	D-374-C	36
Thickness Variation		% (±)		5
Average Substance		g/m <sup>2</sup>		24.5
Wettability (min.)	Treated Side	dynes/cm	D-2578	38
Kinetic COF	PVdC-PVdC		D-1894	0.35
Yield		m <sup>2</sup> /kg	D-4321	40.81
<b>Optical Data</b>				
Gloss (45 °)		gardner	D-2457	100
	PVdC side			> 100
Opacity		%	Hunter Lab(D25-2CR)	> 86
<b>Mechanical Data</b>				
Tensile Strength	MD	kg/ cm <sup>2</sup>	D-882	600 - 800
	TD			1500 - 1800
Elongation	MD	%	D-882	110 - 140
	TD			25 - 45
<b>Thermal Data</b>				
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	2 - 4
	TD			0.5 - 2.5
Heat Seal Range	PVdC-PVdC	°c	CTM	30
Heat Seal Strength (140 °C-2.5 bar-0.5 s-bar seal)	PVdC-PVdC	g/25mm	CTM	> 400
<b>Barrier Data</b>				
MVTR (38°C, 90%RH)		g/m <sup>2</sup> day	F-1249	4.8
OTR (23 °C, 75%RH)		cc/m <sup>2</sup> day	D-3985	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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