

BOPP Film

One side corona treated, two side heat sealable, oxo-biodegradable.



Opp SealFilm e

S C e



Description

Opp SealFilm e is a transparent film containing oxo-biodegradable additive. This film is heat sealable in both sides and corona treated in one side. It contains a combined migratory / non-migratory slip and antistatic package for high slip level and low static generation. The untreated face offers a broad heat seal range. The corona treated side is located on the outside face of the reel.

Main Characteristics

- Oxo-biodegradable
- Multiple usages
- Outstanding slip and anti-static properties
- Treated face suitable for good bonds to inks and adhesives
- Excellent flatness and dimensional stability
- Broad heat seal range

Applications

This film is designed to be employed in a great variety of converting process for the food and industrial packaging as a mono-web or in laminated structures. It meets the European Union regulations for direct food contact. Its seal properties allow it to be used in multiple VFFS or HFFS automatic packaging machinery with fin and/or lap seals. The oxo-biodegradable additive promotes polymer degradation after one year from the date of production. The film is finally decomposed into biomass, water and carbon dioxide.

* Important Considerations

It is recommended to store this material at conditions not exceeding 86°F, at shadow and with a relative humidity of 60%

There might be a deterioration of certain physical properties by adverse storage conditions. It is therefore advisable to keep an adequate inventory turn-over of this material.

Standard Dimensions*

*This product has lot size and width restrictions. Please consult your sales representative.

OppFilm Code	Thickness (µm)	Unit Weight (g/m ²)	Width (mm)	Core Size	570 mm Φ Outside Diam.		760 mm Φ Outside Diam.		Treated Face
					Length (m)	Weight (kg/cm)	Length (m)	Weight (kg/cm)	
S C e 15	15.0	13.6	400 to 2,000	3" & 6"	14,950	1.89	27,700	3.77	Outside
S C e 17	17.5	15.8							
S C e 20	20.0	18.1							
S C e 25	25.0	22.6							
S C e 30	30.0	27.2							
S C e 35	35.0	31.7							
S C e 40	40.0	36.2							
S C e 50	50.0	45.3							

Typical Values of Physical Properties *

*Information and data presented in this data sheet is intended to be used as general guidelines. Technical specifications are available upon request.

Property	Unit	Testing Method	Thickness in Microns								
			15	17.5	20	25	30	35	40	50	
Haze	%	ASTM D1003	2.0		2.2		2.6		2.9		
Gloss @ 45°	%	ASTM D2457	80								
Coefficient of Friction - Kinetic	NT/NT	-	ASTM D1894	0.20				0.25			
	T/T			0.35		0.25					
Tensile Strength	MD	N/mm ²		125							
	TD			235							
Elongation at Break	MD	%	ASTM D882	180							
	TD			50							
Secant Modulus @ 2%	MD	N/mm ²		1,700							
	TD			3,000							
Surface Tension	dyne/cm	ASTM D2578	38								
Heat Seal Initiation Temperature	NT/NT	°C	ASTM F88	105							
	T/T			125							
Seal Strength @ 135°C	NT/NT	N/25 mm	ASTM F2029A @ 40psi, 1s	4.0		5.0		6.0		7.0	
	T/T			3.5		4.5		5.5		6.0	
Water Vapor T. R. @ 38 °C, 90% R. H.	g/(m ² .day)	ASTM F1249	8.5	7.2	6.5	5.6	4.7	4.3	3.8	3.4	
Oxygen T. R. @ 23°C, 0% R. H.	cm ³ /(m ² .day)	ASTM D3985	2,900	2,400	2,200	1,800	1,600	1,400	1,200	1,000	

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