

Transparent CPP Film

CPP ClearFilmBio



Oxo-biodegradable, high flexibility and transparency, heat-sealable on both sides, corona treated on one side

Description

Coextruded film with oxo-biodegradable additive, made of an optimized blend of polypropylene resins that provide an excellent balance of physical properties. The corona treatment is located on the outer side of the reel.

Main Characteristics

- Oxo-biodegradable.
- Mechanical flexibility.
- Good gloss and transparency.
- High level of slip.
- Good adhesion of inks and adhesives on treated side.

Applications

Designed to be used as a monolayer in different bag applications where high flexibility and impact resistance are required. It is used in laminated structures with other substrates to achieve high transparency and cold resistance such as in pasta packaging. This film is also used in stationary applications as a sheet protector. It can be used as an external protector in export-type flower packaging. The oxo-biodegradable additive promotes polymer degradation after one year from the production date. The film eventually decomposes into biomass, water and carbon dioxide. Complies with FDA and EU regulations for food contact.

* Important Considerations

*It is recommended to store this material at conditions not exceeding 30°C, in a place without exposure to sunlight and with a relative humidity of 60%. To protect against humidity and avoid film blocking, rolls should stay covered with plastic overwrap when not in use.

*The information in this data sheet is based on tests carried out in our laboratories and is intended to be used for reference only, and does not constitute a specification. Therefore, should not be construed as a guarantee of performance. It is the responsibility of the user to carry out the necessary tests to guarantee its use for the intended applications.

*This product complies with FDA and EU regulations. For more information, please visit our website: <https://www.obengroup.com/en/documents>

Standard Dimensions *

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

Film Code	Thickness (µm)	Unit Weight (g/m ²)	Width (mm)	Core Size	760 mm Ø Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	
CTe 25	25.0	22.6	400 to 2,000	3" & 6"	16,700	3.76	Outside
CTe 30	30.0	27.1			13,900		
CTe 40	40.0	36.2			10,400		

Typical Values of Physical Properties **

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

Property	Unit	Testing Method	Thickness in Microns		
			25.0	30.0	40.0
Haze	%	ASTM D1003	4.0		5.5
Gloss 45°		ASTM D2457	75		
Coefficient of Friction - Kinetic	-	ASTM D1894	0.15		
Secant Modulus 2%	DM	ASTM D882	500		
	DT		400		
Impact Resistance	-	ASTM D3420	2.0		
Tear Resistance	DM	ASTM D1922	1.0		
	DT		6.0		
Surface Tension	T	ASTM D2578	37		
Heat Seal Initiation Temperature	N/N	ASTM F2029	120		
Seal Strength (140°C, 40 psi, 1s)		N/25mm	ASTM F88	14	18

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