

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 (mils)	Yield (in ² /lb)	Width (in)	Core Size	30" Φ Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	
CTe 25	0.98	31,100	15 to 80	3" & 6"	54,800	21.05	Outside
CTe 30	1.18	26,000			45,700		
CTe 40	1.57	19,500			34,200		

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 Mils		
			0.98	1.18	1.57
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	72,600		
	DT		58,100		
Impact Resistance	-	ASTM D3420	100		
Tear Resistance	DM	ASTM D1922	0.22		
	DT		1.35		
Surface Tension	T	ASTM D2578	37		
Heat Seal Initiation Temperature	N/N	ASTM F2029	248		
Seal Strength (284°F, 40 psi, 1s)		ASTM F88	1,500	1,900	

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