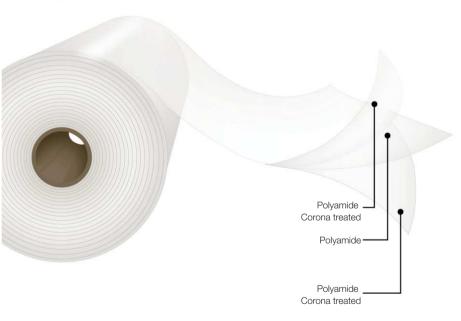


BOPA Film

OPA PlainFilm



CAPRAN®



High retortability, two sides corona treated

Description

Transparent bioriented retortable grade film, treated on both sides, which provides printing and adhesion properties. The polyamide based resin provides excellent oxygen barrier properties ensuring the protection and integrity of the packaged products. It features corona treatment on both sides.

Main Characteristics

- Excellent mechanical properties at high temperatures.
- Outstanding dimensional stability.
- Excellent toughness and puncture resistance.
- High resistance to "Flex crack".
- High performance due to its low specific gravity.

Applications

Retortable grade, is used as an intermediate layer in triple or quadruple laminations for returnable flexible packaging that must withstand demanding sterilization conditions. These packings replace can of preserves and is used for packaged tuna, fishes, prepared foods and others. It meets FDA and EU regulations for food contact.

* Important Considerations

^{*} It is recommended to store this material at conditions not exceeding 30°C, under shade and with a relative humidity of 60%. To protect against humidity and avoid film blocking, rolls should stay covered with the plastic overwrap when not in use.

^{*} The information in this data sheet is based on tests carried out in our laboratories and it 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 detailed information about our technical and regulatory documents, 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 (in²/lb)	Width (in)	Core Size	30" Ф Outside Diam.			
					Length (ft)	Weight (lb/in)	Treatment	
ATr 12 TT	0.47	49,700	14 to 85	6"	104,400	25.19		
ATr 15 TT	0.59	39,800			83,700		Both	
ATr 25 TT	0.98	23,900			50,200			

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.

Drawarty	Unit	Testing Method	Thickness in Mils			
Property		Testing Method	0.47	0.59	0.98	
Light Transmission		%	ASTM D1003	2.5 4		4
Gloss 45°	_		ASTM D2457	100		
Coefficient of Friction - Kinetic	TI/TI	-	ASTM D1894	0.4		
Coefficient of Friction - Kinetic	TE/TE		ASTIVI D 1094	0.35		
Tensile Strength	DM	lb/in²		34,900		
Terislie Strength	DT	ID/III-		45,000		
Elongation at Break	DM	%	ASTM D882	110		
Elongation at break	DT	70	ASTIVI DOOZ	85		
Secant Modulus 2%	DM	lb/in²		503,300		
Secarit Modulus 270	DT	ID/III-		423,600		
Surface Tension	TI	dyn/cm	ASTM D2578	54		
Surface rension	TE		A311VI D2378	58		
Oxygen Transmission Rate (73.4 °F, 0 % R.H.)		cm3/(100 in ² .day)	ASTM D3985	4.0	3.6	1.8

