

BOPA Film

OPA PlainFilm

| ATr - TT

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 (µm)	Unit Weight (g/m ²)	Width (mm)	Core Size	760 mm Ø Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	
ATr 12 TT	12.0	14.2	400 to 2500	6"	31,800	4.5	Both
ATr 15 TT	15.0	17.7			25,500		
ATr 25 TT	25.0	29.5			15,300		

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		
			12.0	15.0	25.0
Light Transmission	-	ASTM D1003	2.5		4.0
Gloss 45°	-	ASTM D2457	100		
Coefficient of Friction - Kinetic	TI/TI	ASTM D1894	0.40		
	TE/TE		0.35		
Tensile Strength	DM	ASTM D882	240		
	DT		310		
Elongation at Break	DM	ASTM D882	110		
	DT		85		
Secant Modulus 2%	DM	ASTM D882	3,470		
	DT		2,920		
Surface Tension	TI	ASTM D2578	54		
	TE		58		
Oxygen Transmission Rate (23 °C, 0 % R.H.)	-	ASTM D3985	62	55	28

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