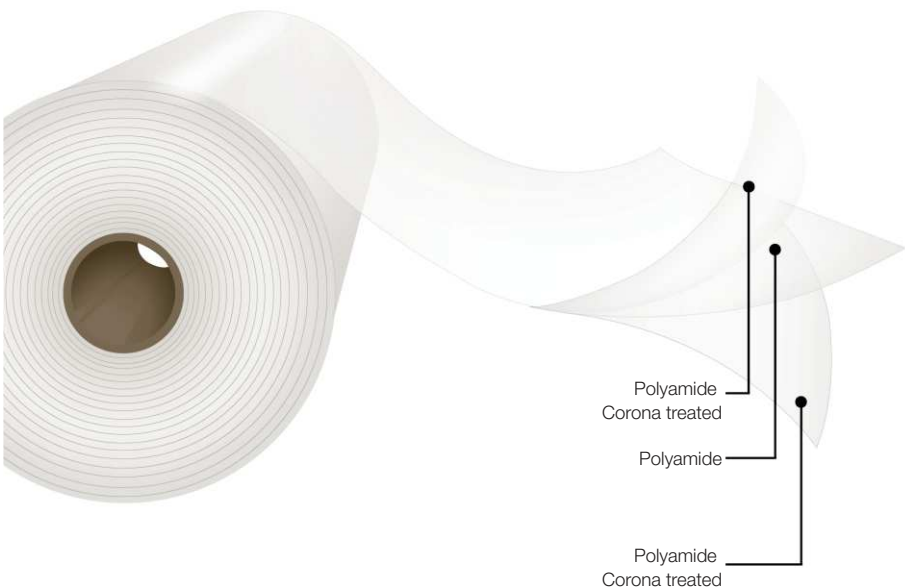


## BOPA Film

## OPA PlainFilm

## | AT- TT

## CAPRAN®



*Two sides corona treated*

### Description

Bi-oriented transparent film, providing printing and adhesion properties. The polyamide base resin offers excellent oxygen barrier properties, ensuring the protection and integrity of packaged products. It features corona treatment on both sides for use in multiple laminations.

### Main Characteristics

- Good barrier to oxygen and aromas.
- Excellent mechanical properties at high and low temperatures.
- Excellent toughness and puncture resistance.
- High resistance to “Flex crack”.
- Excellent brightness and transparency.
- High performance due to its low specific gravity.

### Applications

Treated on both sides, is used as an interlayer in multiple laminations. Recommended in packages that require mechanical protection and/or chemical packaging products with migratory components such as tomato sauce, ketchup, mustard and as a barrier to oils and fats. 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 <sup>2</sup> )	Width (mm)	Core Size	760 mm Ø Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	
AT 10 TT	10.0	11.8	400 to 2500	6"	38,200	4.5	Both
AT 12 TT	12.0	14.2			31,800		
AT 15 TT	15.0	17.7			25,500		
AT 20 TT	20.0	23.6			19,100		
AT 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				
			10.0	12.0	15.0	20.0	25.0
Haze	-	ASTM D1003	2.5		3.5	4.0	
Gloss 45°	-	ASTM D2457	100				
Coefficient of Friction - Kinetic	TE/TE	ASTM D1894	0.35				
	TI/TI		0.40				
Tensile Strength	DM	ASTM D882	240				
	DT		310				
Elongation at Break	DM		110				
	DT		80				
Secant Modulus 2%	DM		3,470				
	DT		2,920				
Surface Tension	TE	ASTM D2578	58				
	TI		54				
Oxygen Transmission Rate (23 °C, 0 % R.H.)	-	ASTM D3985	75	62	55	39	28

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