

## BOPA Film

## OPA PlainFilm



## CAPRAN®



*One side corona treated*

### Description

Transparent biaxially oriented film, treated on one side, providing printing and adhesion properties. The polyamide resin base offers excellent oxygen barrier properties, ensuring the protection and integrity of packaged products. The corona treated side is located on the outside face of the reel.

### 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

This film is designed as the reverse printed outer web in laminations. It can be used in vacuum or modified atmosphere packaging that requires good oxygen barrier, for processed meats, sausage, seafood, frozen products, dairy products and pastas. It is also used in packages that require excellent protection to mechanical stress, puncture and flexcrack resistance. Additionally It is recommended for packages with demanding chemical and oil protection such as those used in pet food and liquid cleaners. This film laminates are frequently found in stand-up pouches and large bag formats. It meets 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 <sup>2</sup> )	Width (mm)	Core Size	760 mm Ø Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	
AT 10	10.0	11.8	400 to 2500	6"	38,200	4.5	Corona outside
AT 12	12.0	14.2			31,800		
AT 15	15.0	17.7			25,500		
AT 20	20.0	23.6			19,100		
AT 22	22.0	26.0			17,400		
AT 25	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	22.0	25.0
Haze	-	ASTM D1003	2.5		3.5		4.0	
Gloss 45°	-	ASTM D2457	100					
Coefficient of Friction - Kinetic	N/N	ASTM D1894	0.40					
	T/T		0.45					
Tensile Strength	DM	ASTM D882	240					
	DT		310					
Elongation at Break	DM		110					
	DT		80					
Secant Modulus 2%	DM		3470					
	DT		2920					
Surface Tension	T	ASTM D2578	58					
Oxygen Transmission Rate (23 °C, 0 % R.H.)	-	ASTM D3985	75	62	55	39	33	28

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