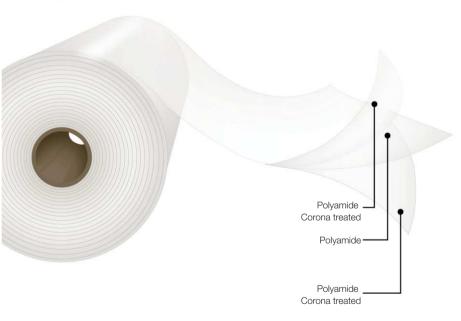


# **BOPA Film**

## **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

<sup>\*</sup> 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.

<sup>\*</sup> 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.

<sup>\*</sup> 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/m²)	Width (mm)	Core Size	760 mm Φ Outside Diam.			
					Length (m)	Weight (kg/cm)	Treatment	
ATr 12 TT	12.0	14.2		6"	31,800	4.5	Both	
ATr 15 TT	15.0	17.7	400 to 2500		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.

Duanautu	Unit	Testing Method	Thickness in Microns			
Property		resung Method	12.0	15.0	25.0	
Light Transmission	_	%	ASTM D1003	2.5 4.0		4.0
Gloss 45°		70	ASTM D2457	100		
Coefficient of Friction - Kinetic	TI/TI	-	ASTM D1894		0.40	
Coefficient of Friction - Kinetic	TE/TE		A31W D1094	0.35		
Tensile Strength	DM	N/mm²			240	
Tensile Strength	DT	IN/IIIII-			310	
Elongation at Break	DM	%	ASTM D882		110	
Elongation at break	DT	70	ASTIVI DOOZ		85	
Secant Modulus 2%	DM	N/mm²		3,470		
Secant Modulus 270	DT	IN/IIIII-		2,920		
Surface Tension	TI	dum (om	ASTM D2578	54		
Surface refision	TE	dyn/cm	ASTIVI D2578	58		
Oxygen Transmission Rate (23 °C, 0 % R.H.)		cm3/(m <sup>2</sup> .d)	ASTM D3985	62	55	28

