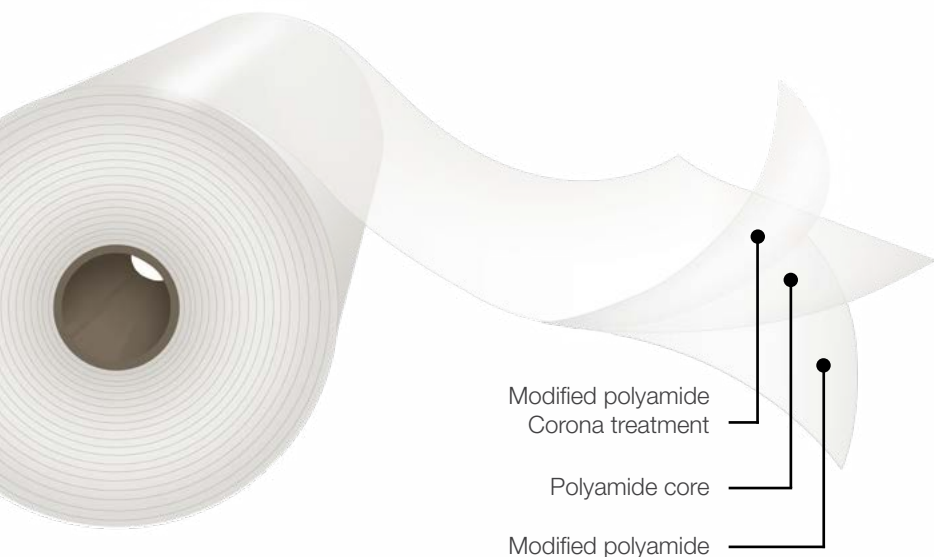


BOPA Film

One side corona treated



Opa PlainFilm

AT



Description

Opa PlainFilm is a biooriented nylon film for general purpose. 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.

* 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.

Standard Dimensions*

*This product has lot size and width restrictions. Please consult your sales representative.

Opa Armon Code	Thickness (µm)	Unit Weight (g/m ²)	Width (mm)	Core Size	760 mm Ø Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	
AT 10	10.0	11.6	400 to 2,500	6"	37,800	4.5	Outside
AT 12	12.0	13.9			31,600		
AT 15	15.0	17.4			25,400		
AT 20	20.0	23.2			19,100		
AT 22	22.0	25.5			17,500		
AT 25	25.0	29.0			15,300		

Typical Values of Physical Properties **

**Information and data presented in this data sheet are intended to be used as general guidelines. Physical properties specifications are available upon request.

Property	Unit	Testing Method	Thickness in Microns						
			10	12	13.5	15	20	22	25
Haze	%	ASTM D1003	2.5			3.5		4.0	
Gloss @ 45°	%	ASTM D2457	100						
Coefficient of Friction - Kinetic	N/N	-	0.40						
	T/T		0.45						
Tensile Strength	MD	N/mm ²	240						
	TD		310						
Elongation at Break	MD	%	110						
	TD		80						
Secant Modulus @ 2%	MD	N/mm ²	3470						
	TD		2920						
Surface Tension	T	dyne/cm	58						
	N		48						
Oxygen Transmission Rate @ 23 °C, 0% R. H.	cm ³ /(m ² .day)	ASTM D3985	75	62	59	55	39	33	28

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