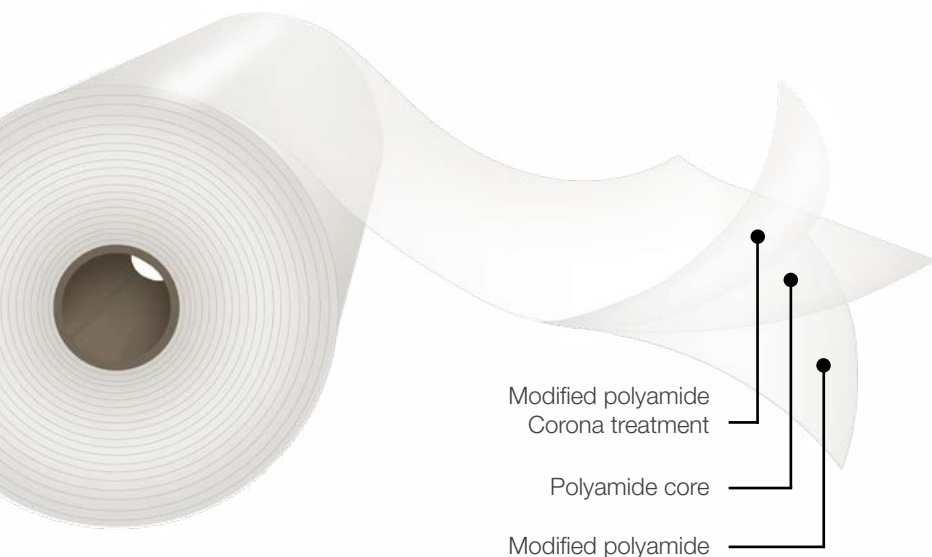


## BOPA Film

*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

General purpose, it can be printed on the treated side and then laminated. It can be used in vacuum packaging or with modified atmosphere that require good oxygen barriers, for processed meats, sausage, seafood, frozen products, dairy products and pastas. It is also used in containers that require excellent protection to mechanical stress, punching shear and "flex crack". It is also recommended for containers that require further chemicals and oils protection, such as those used for pet food and chemicals. Its use in "stand up pouches" and large containers is also recommended.

#### \* Important Considerations

- It is recommended to store this material at conditions not exceeding 86°F, 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 (mils)	Yield (in <sup>2</sup> /lb)	Width (in)	Core Size	30" $\Phi$ Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	
AT 10	0.39	60,600	15 to 80	6"	124,000	25.2	Outside
AT 12	0.47	50,500			103,600		
AT 15	0.59	40,400			83,300		
AT 20	0.79	30,300			62,600		
AT 22	0.87	27,600			57,400		
AT 25	0.98	24,300			50,200		

## 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 Mils						
			0.39	0.47	0.53	0.59	0.79	0.87	0.98
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	MD	lb/in <sup>2</sup>	34,800						
	TD		45,000						
Elongation at Break	MD	%	ASTM D882		110				
	TD		80						
Secant Modulus @ 2%	MD	lb/in <sup>2</sup>	503,000						
	TD		424,000						
Surface Tension	T	dyne/cm	58						
	N		48						
Oxygen Transmission Rate @ 73 °F, 0% R. H.	cm <sup>3</sup> /(100in <sup>2</sup> ·day)	ASTM D3985	4.8	4.0	3.8	3.5	2.5	2.1	1.8

Opa PlainFilm

# AT

