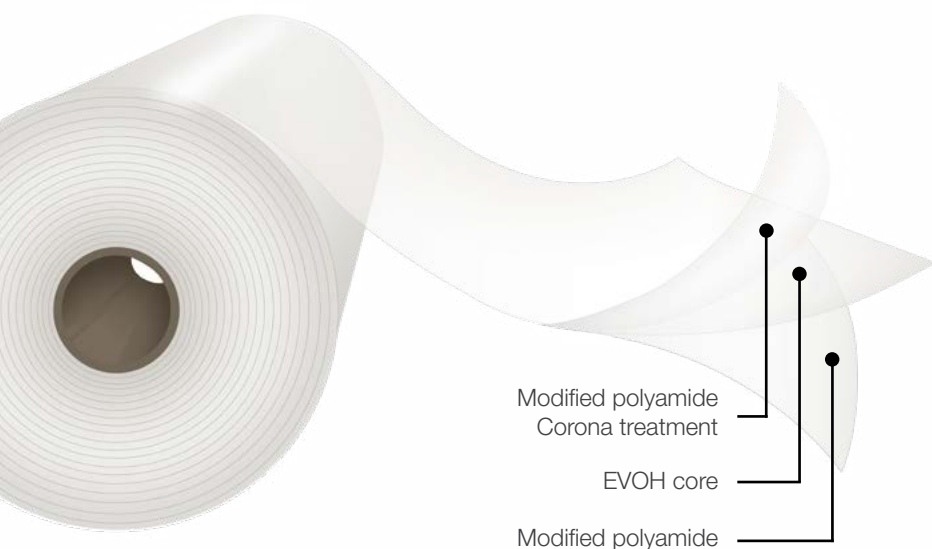


BOPA Film

Corona treated outside, high barrier to oxygen



Description

Opa Armon Pro is a biooriented nylon film with high barrier to oxygen. 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

High barrier to oxygen, can be print on treated face and then laminate with other substrate used as sealing layer. Is used in packing that requires a high oxygen barrier, OTR <math><4/m^2/24hrs.</math>, in “doy pack” for mayonnaises, containers for fish, seafood, dairy products, processed meats and pastas shelf of these products. The film of 12u is especially recommended for use in greeting balloons (helium).

* Important Considerations

It is recommended to store this material at conditions not exceeding 30°C, at shadow 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 is intended to be used for reference only. It should not be construed as a guarantee of performance. It is recommended that the user executes the necessary tests to ensure adequate performance for the intended applications.

Opa Armon Pro

AV



Standard Dimensions*

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

Opa Armon Code	Thickness (mils)	Yield (in ² /lb)	Width (in)	Core Size	22" ϕ Outside Diam.		30" ϕ Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	Length (ft)	Weight (lb/in)	
AV 12	0.47	50,500	15 to 80	6"	55,400	12.9	103,600	24.1	Outside

Typical Values of Physical Properties *

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

Property	Unit	Testing Method	Thickness in Mils
			0.47
Haze	%	ASTM D1003	2.0-3.0
Gloss @ 45°	%	ASTM D2457	130-150
Coefficient of Friction - Kinetic	-	ASTM D1894	NT/NT 0.40
			T/T 0.45
Tensile Strength	lb/in ²	ASTM D882	MD 34,800
			TD 45,000
Elongation at Break	%		MD 110
			TD 80
Secant Modulus @ 2%	lb/in ²		MD 503,000
			TD 424,000
Surface Tension	dyne/cm		T 58
			NT 48
Oxygen T. R. @ 73 °F, 0% R. H.	cm ³ /(100 in ² ·day)	ASTM D3985	0.3

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