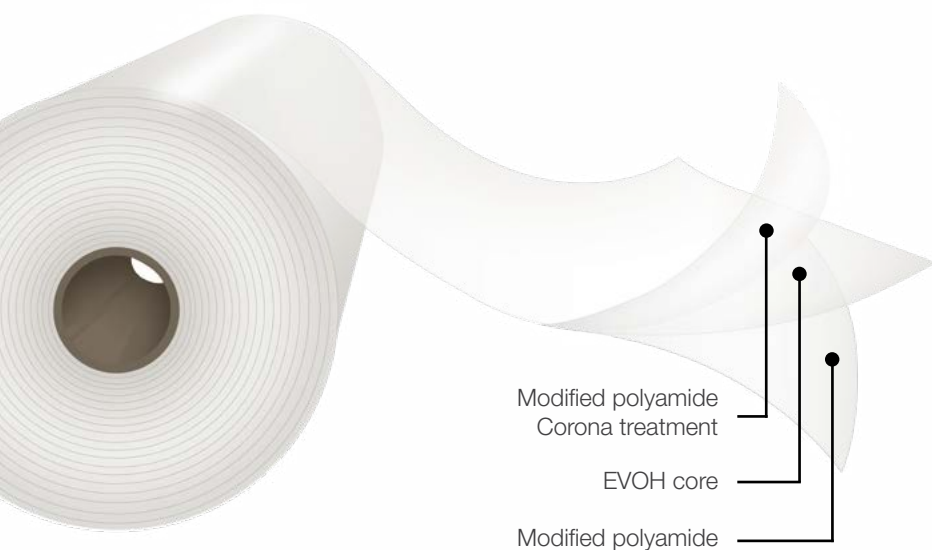


## BOPA Film

*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 (µm)	Unit Weight (g/m <sup>2</sup> )	Width (mm)	Core Size	565 mm Ø Outside Diam.		755 mm Ø Outside Diam.		Treatment
						Length (m)	Weight (kg/cm)	Length (m)	Weight (kg/cm)	
AV	12	12.0	13.9	400 a 2,500	6"	16,900	2.3	31,600	4.3	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 Microns	
			12	
Haze	%	ASTM D1003	2.0-3.0	
Gloss @ 45°	%	ASTM D2457	130-150	
Coefficient of Friction - Kinetic	NT/NT	-	ASTM D1894	0.40
	T/T			0.45
Tensile Strength	MD	N/mm <sup>2</sup>	ASTM D882	240
	TD			310
Elongation at Break	MD	%	ASTM D882	110
	TD			80
Secant Modulus @ 2%	MD	N/mm <sup>2</sup>	ASTM D882	3470
	TD			2920
Surface Tension	T	dyne/cm	ASTM D2578	58
	NT			48
Oxygen T. R. @ 23 °C, 0% R. H.	cm <sup>3</sup> /(m <sup>2</sup> .day)	ASTM D3985		4.7

Opa Armon Pro

# AV

