

## BOPA Film PIR Grade\*

OPA PlainFilm

| **ATqi**



**CAPRAN®**



*One side corona-treated*

\*Raw material obtained through the utilization of post-industrial recycled materials, certified with *ECV (Environmental Claim Validation)* by *SCS Global Services*.

### Description

Bioriented clear film, one side corona treated. The base raw material is polyamide with 100% post-industrial content of chemical recycling, suitable for food contact. This formulation maintains the excellent oxygen barrier properties of conventional film, ensuring the protection and integrity of package products. The corona-treated side is located on the outer side of the reel.

### Main Characteristics

- Ecological and sustainable film focused on the circular economy.
- Reduced environmental footprint.
- Same performance and yield as conventional film.
- High barrier to oxygen and aromas.
- Excellent mechanical properties at high and low temperatures.
- High resistance to “Flex crack”.
- Excellent brightness and transparency.

### 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. It meets FDA and EU regulations for food contact.

#### \* Important Considerations

\*It is recommended to store this material at conditions not exceeding 30°C, in a place without exposure to sunlight and with a relative humidity of 60%. To protect against humidity and avoid film blocking, rolls should stay covered with 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, 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.

\*This product complies with FDA and EU regulations. For more information, 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 (mils)	Yield (in <sup>2</sup> /lb)	Width (in)	Core Size	30" $\Phi$ Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	
ATqi 10	0.39	59,600	15 to 80	6"	125,400	25.19	Outside
ATqi 12	0.47	49,700			104,400		
ATqi 15	0.59	39,800			83,700		
ATqi 20	0.79	29,800			62,700		
ATqi 25	0.98	23,900			50,200		

## 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.

Property	Unit	Testing Method	Thickness in Mils				
			0.39	0.47	0.59	0.79	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	DM	ASTM D882	34,900				
	DT		45,000				
Elongation at Break	DM		110				
	DT		80				
Secant Modulus 2%	DM		503,300				
	DT		423,600				
Surface Tension	T	ASTM D2578	58				
Oxygen Transmission Rate (73.4 °F, 0 % R.H.)	-	ASTM D3985	5	4	3	2	

# CAPRAN<sup>®</sup>

## OPA PlainFilm

# ATqi