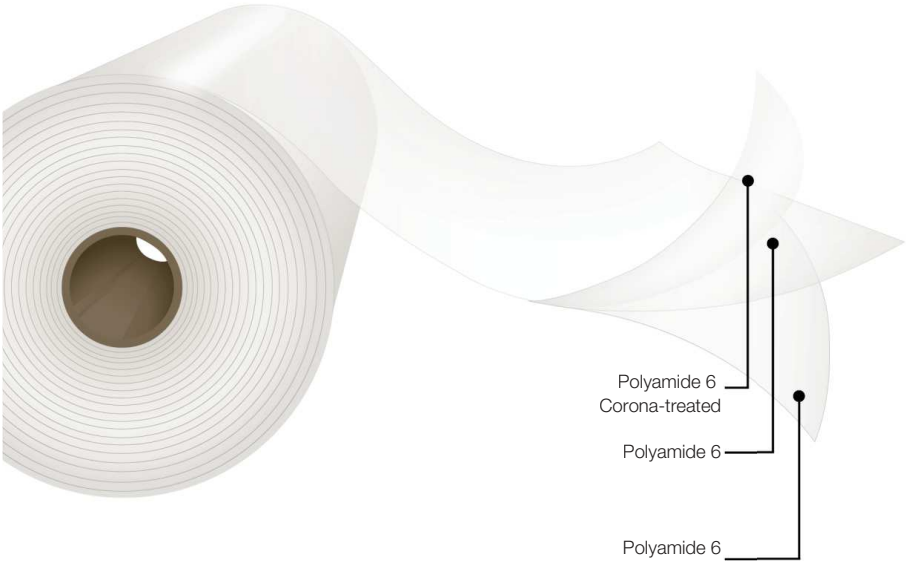
BOPA Film PCR Grade*

OPA Plain Film

ATq

CAPRAN®



One side corona-treated

* Polyamide film certified by mass balance according to *SCS Recycled Content Standard V8.0* by *SCS Global Services. Certificate link*

Description

Bioriented clear film, one side corona treated, providing printing and adhesion properties. The base raw material, 100% of polyamide, comes from post-consumer content of chemical recycling, suitable for food contact. This raw material grants excellent oxygen barrier properties, ensuring the protection and integrity of package products. The corona-treated side is located on the outside face of the reel.

Main Characteristics

- Ecological and sustainable film focused on the circular economy.
- Reduced environmental footprint.
- Maintains the same performance and efficiency as conventional film.
- High barrier to oxygen and aromas.
- Ecellent mechanical properties at high and low temperatures.
- High resistance to "flexcrack".
- Excellent transparency and brightness.

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. Complies with 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 (µm)	Unit Weight (g/m²)	Width (mm)	Core Size	760 mm Φ Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	
ATq 10	10.0	11.8	400 to 2,500	6"	38,200	4.5	Outside
ATq 12	12.0	14.2			31,800		
ATq 15	15.0	17.7			25,500		
ATq 20	20.0	23.6			19,100		
ATq 25	25.0	29.5			15,300		

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 Microns				
				10.0	12.0	15.0	20.0	25.0
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	N/mm²	ASTM D882	240				
	DT			310				
Elongation at Break	DM	%		110				
	DT			80				
Secant Modulus 2%	DM	N/mm²		3470				
	DT			2920				
Surface Tension	T	dyn/cm	ASTM D2578	58				
Oxygen Transmission Rate (23 °C, 0 % R.H.)	-	cm3/(m².d)	ASTM D3985	75	62	55	39	28

CAPRAN®

OPA Plain Film

ATq

Notes: DM - Machine Direction | DT - Transverse Direction | N - Untreated Side | T - Corona Treated Side