

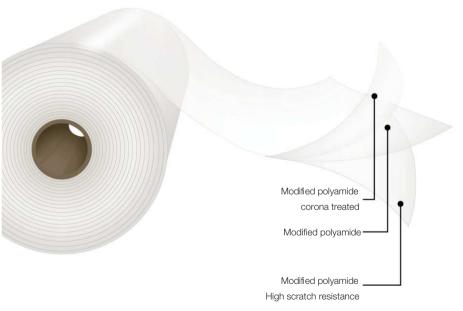
BOPA Film PIR Grade*

OPA PlainFilm





CAPRAN®



High scratch resistance, 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

Clear film, one side corona treated and outstanding scratch resistance on the reverse side. The base raw material, 100% of polyamide, comes from post-industrial content of chemical recycling, suitable for food contact. This raw material grants excellent clarity and resistance properties. The corona-treated 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.
- Outstanding scratch resistance.
- Excellent tenacity.
- Excellent transparency and brightness.
- Excellent flatness and dimensional stability.

Applications

High clarity and transparency film used in graphic applications requiring excellent scratch resistance, such as thermal lamination with high quality paper for softcover book covers, among others. Compliant with FDA and UE regulations for food contact.

* Important Considerations

*It is recommended to store this material at conditions not exceeding 30°C, 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.

*This product complies with FDA and EU regulations. For more detailed information about our technical and regulatory documents, 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 (in²/lb)	Width (in)	Core Size	30" Ф Outside Diam.			
					Length (ft)	Weight (lb/in)	Treatment	
ATgqi 10 TN	0.39	59,600	15 to 80	6"	125,400	25.19	Outside	
ATgqi 12 TN	0.47	49,700			104,400	25.19		

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.

Dronorty	Unit	Testing Method	Thickness in Mils		
Property		resung Method	0.39	0.47	
laze		%	ASTM D1003	2.5	
Gloss 45°	_	70	ASTM D2457	100	
Coefficient of Friction - Kinetic	N/N	-	ASTM D1894	0.8	
Tanaila Strangth	DM	lb/in²	ASTM D882	34,900	
Tensile Strength	DT	ID/III-		45,000	
Flangation at Proofs	DM	%		110	
Elongation at Break	DT			80	
Secant Modulus 2%	DM	lb/in²		551,200	
Secant Modulus 2%	DT	ID/III-		449,700	
Christoga (200 °F 20 min)	DM %		ASTM D1204	1.5	
Shrinkage (302 °F, 30 min)	DT	70	ASTIVI D1204	1.2	
Surface Tension	Т	dyn/cm	ASTM D2578	58	
Oxygen Transmission Rate (73.4 °F, 0 % R.H.)	-	cm3/(100 in ² .day)	ASTM D3985	5	4

