

BOPET Twist Film

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ETk - TS



Corona treated outside, antistatic inside

Description

One side corona treated and transparent film with excellent twist and antistatic properties. The base raw material is PET homopolymer with enhanced clarity in all three layers. The corona treated side is located on the outside face of the reel.

Main Characteristics

- Very good clarity.
- High rigidity.
- Excellent twist and fold retention.
- High heat resistance.
- Excellent flatness and dimensional stability.
- Corona treated outside.
- Very good antistatic properties.

Applications

This product is designed to be employed as an excellent twist and fold retention package for candies and chocolates packaging. In addition, this film supplies excellent stability on printing processes. It meets the FDA regulations for direct food contact. Due to its antistatic properties, this product presents superior machinability for high speed twist packaging machinery.

* 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 *

Film Code	Thickness (µm)	Unit Weight (g/m ²)	Width (mm)	Core Size	760 mm Ø Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	
ETk 18 TS	18.0	25.1	400 to 2,000	6"	21,900	5.49	Corona Out Antistatic In.
ETk 23 TS	23.0	32.1			17,200		

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

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	
			18.0	23.0
Haze	%	ASTM D1003	3.5	4.0
Gloss 45°	-	ASTM D2457	130	
Coefficient of Friction - Kinetic	-	ASTM D1894	0.35	
Tensile Strength	DM	ASTM D882	210	
	DT		220	
Elongation at Break	DM		120	
	DT		95	
Secant Modulus 2%	DM		3,800	
	DT		5,000	
Surface Tension	T	ASTM D2578	56	
	S		42	
Shrinkage (150 °C, 30 min)	DM	ASTM D1204	20	
	DT		20	
Water Vapor Transmission Rate (38 °C, 90 % R.H.)	-	ASTM F1249	28	22
Oxygen Transmission Rate (23 °C, 0 % R.H.)	-	ASTM D3985	80	70

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