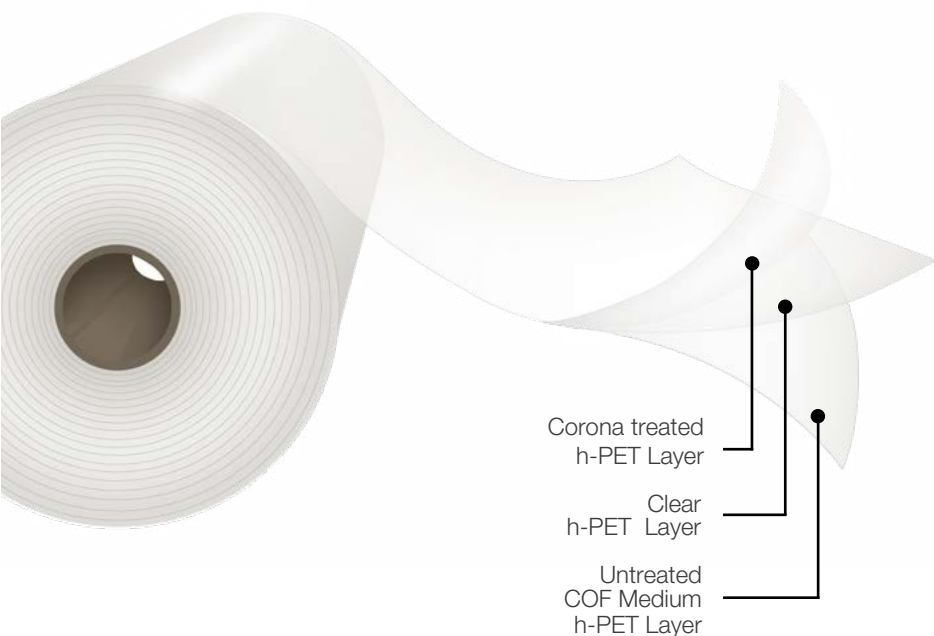


BOPET Film

Medium slip, corona treated outside



Opet PlainFilm TN

ETm - TN

Description

Opet PlainFilm TN is a one side corona treated transparent film. The base raw material is PET homopolymer in all three layers. The corona treated side is located on the outside face of the reel.

Main Characteristics

- Medium slip level.
- Very good transparency.
- High heat resistance.
- Outstanding machinability.
- Excellent flatness and dimensional stability.
- Excellent bonds to metal, adhesives and a variety of inks.

Applications

This product is a multi-purpose film suitable to be used in a great variety of converting processes in the food packaging industry as well as in other industrial applications. The corona treated side provides very good adhesiveness to a variety of ink systems such as PVB polyvinyl based systems, adhesives and to the aluminum layer in metallization. It is designed for high processability in packaging machinery as the outer web in laminations. It meets the FDA regulations for food contact.

* Important Considerations

It is recommended to store this material at conditions not exceeding 86°F, 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.

Standard Dimensions*

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

OpetFilm Code	Thickness (mils)	Yield (in ² /lb)	Width (in)	Core Size	30" Φ Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	
ET m 12 TN	0.47	41,900	15 to 80	6"	105,600	30.73	Corona Ext. Plano Int.

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 mils	
			0.47	
Haze	%	ASTM D1003	2.0	
Coefficient of Friction - Kinetic	-	ASTM D1894	0.40	
Tensile Strength	MD	lb/in ²	30,500	
	TD		31,900	
Elongation at Break	MD	%	125	
	TD		90	
Secant Modulus @ 2%	MD	lb/in ²	566,000	
	TD		609,000	
Surface Tension	T	dyne/cm	ASTM D2578	56
Shrinkage @ 300 °F, 30 min	MD	%	ASTM D1204	2.0
	TD		1.0	
Water Vapor T. R. @ 100 °F, 90% R. H.	g/(100 in ² .day)	ASTM F1249	2.5	
Oxygen T. R. @ 73 °F, 0% R. H.	cm ³ /(100 in ² .day)	ASTM D3985	6.5	

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