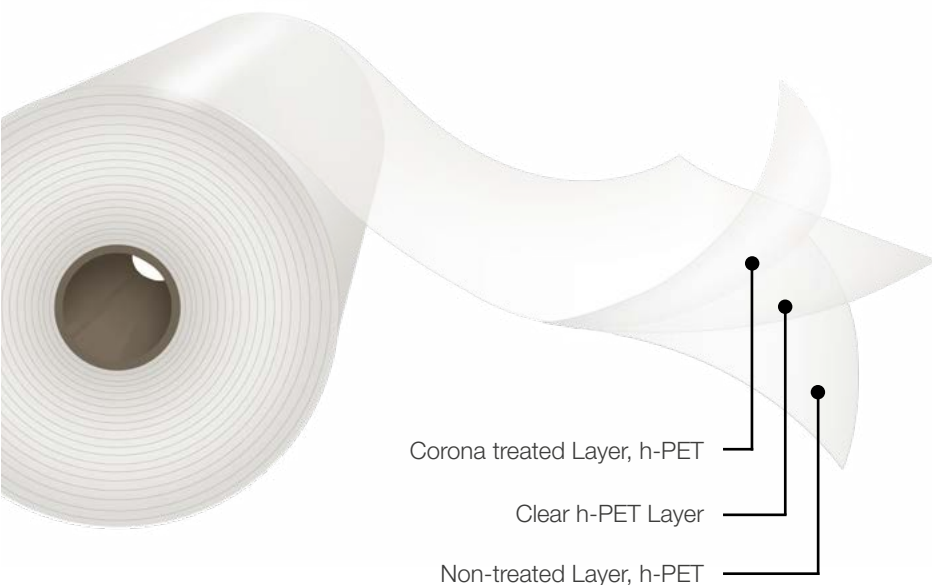


BOPET Film

Corona treated outside



Description

Opet PlainFilm TN is a one side corona treated transparent film. 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 transparency
- Outstanding machinability
- High heat resistance
- Excellent flatness and dimensional stability
- One side corona treated
- 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 direct 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%.

It is important to keep overwrap to protect rolls from humidity while they are not used in order to avoid blocking of this material.

There might be a deterioration of certain physical properties by adverse storage conditions through time. It is therefore advisable to keep an adequate inventory turn-over of this material.

Opet PlainFilm TN

ET - TN



Standard Dimensions*

*This product has lot size and width restrictions. Please consult your sales representative. Refer to ET-NT as inside corona treated side variant.

OpetFilm Code	Thickness (mils)	Yield (in ² /lb)	Width (in)	Core Size	22½" Φ Outside Diam.		30" Φ Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	Length (ft)	Weight (lb/in)	
ET 10 TN	0.39	50,200	15 to 80	6"	66,600	16.18	126,900	30.73	Corona Out Plain In
ET 11 TN	0.43	45,700			61,200		116,250		
ET 12 TN	0.47	41,900			55,800		105,600		
ET 19 TN	0.75	26,400			35,100		66,900		
ET 23 TN	0.91	21,800			28,900		55,100		
ET 36 TN	1.42	14,000			18,400		35,100		
ET 50 TN	1.97	10,000			13,100		25,300		

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						
			0.39	0.43	0.47	0.75	0.91	1.42	1.97
Haze	%	ASTM D1003	2.2	2.3	2.5	3.5	4.0	5.0	6.0
Gloss @ 45°	%	ASTM D2457	130						
Coefficient of Friction - Kinetic	-	ASTM D1894	0.27						
Tensile Strength	MD	lb/in ²	30,500						
	TD		31,900						
Elongation at Break	MD	%	125						
	ID		95						
Socant Modulus @ 2%	MD	lb/in ²	566,000						
	TD		609,000						
Surface Tension	T	dyne/cm	OHG M004		56				
Shrinkage @ 300 °F, 30 min	MD	%	1.2						
	TD		1.0						
Water Vapor T. R. @ 100 °F, 90% R. H.	g/(100 in ² .day)	ASTM F1249	2.6	2.5	2.5	1.8	1.4	1.0	0.7
Oxygen I. R. @ 13 °F, 0% R. H.	cm ³ /(100 in ² .d)	ASTM D3985	8.1	7.1	6.5	5.2	4.5	3.2	2.6

Opet PlainFilm TN

ET - TN