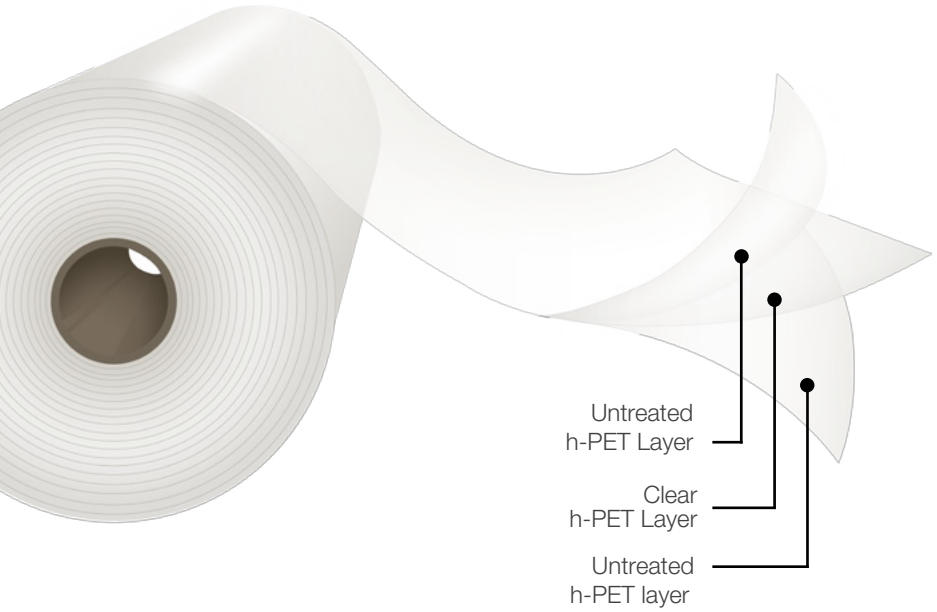
BOPET Film

Untreated



Opet Plain Film

ET-NN

Description

Opet Plain Film is an untreated transparent film. The base raw material is PET homopolymer with enhanced clarity in all three layers.

Main Characteristics

- Very good clarity.
- Outstanding machinability.
- High heat resistance.
- Excellent flatness and dimensional stability.
- Untreated film.

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. It meets the FDA regulations for food contact.

* Important Considerations

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

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 12 NN	0.47	41,900	15 to 80	6"	105,600	30.73	None
ET 23 NN	0.91	21,800			55,100		
ET 36 NN	1.42	14,000			35,100		
ET 50 NN	1.97	10,000			25,300		

Typical Values of Physical Properties **

**Information and data presented in this data sheet are intended to be used as general guidelines. Physical properties specifications are available upon request.

Property		Unit	Testing Method	Thickness in mils			
				0.47	0.91	1.42	1.97
Haze		%	ASTM D1003	2.0	4.0	6.0	8.0
Gloss @ 45°		%	ASTM D2457	130			
Coefficient of Friction - Kinetic	N/N	-	ASTM D1894	0.27			
Tensile Strength	MD	lb/in^2	ASTM D882	30,500			
	TD			31,900			
Elongation at Break	MD	%		125			
	TD			95			
Surface Tension	N	dyne/cm	ASTM D2578	42			
Shrinkage @ 300 °F, 30 min	MD	%	ASTM D1204	1.2			
	TD			1.0			
Water Vapor Transmission Rate @ 100 °F, 90% R. H.		$g/(100in^2)/day$	ASTM F1249	2.5	1.4	1.0	0.7
Oxygen Transmission Rate @ 73 °F, 0% R. H.		$cm^3/(100in^2)/day$	ASTM D3985	6.5	4.5	3.2	2.6

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Notes: N - Untreated Side | TD - Transverse Direction | MD - Machine Direction