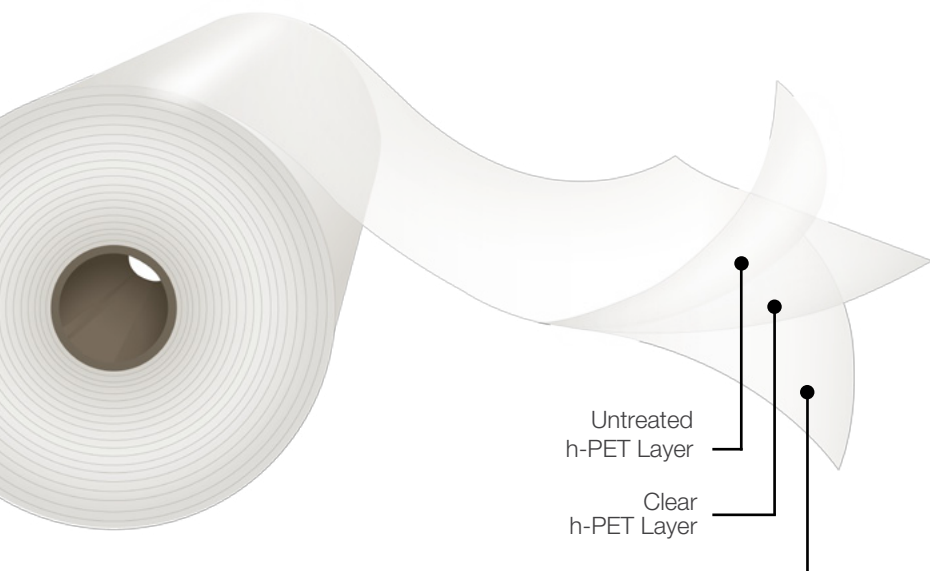


## BOPET Film

*Untreated*



Untreated  
h-PET layer

**Opet PlainFilm**

**ET-NN**



### Description

**Opet PlainFilm** 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 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.

## Standard Dimensions\*

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

OpetFilm Code	Thickness (µm)	Unit Weight (g/m <sup>2</sup> )	Width (mm)	Core Size	760 mm Ø Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	
ET 12 NN	12.0	16.8	400 to 2,000	6"	32,200	5.49	None
ET 23 NN	23.0	32.2			16,800		
ET 36 NN	36.0	50.4			10,700		
ET 50 NN	50.0	70.0			7,700		

## 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 Microns			
			12	23	36	50
Haze	%	ASTM D1003	2.0	4.0	6.0	8.0
Gloss @ 45°	%	ASTM D2457	130			
Coefficient of Friction - Kinetic	N/N	-	ASTM D1894			
Tensile Strength	MD	ASTM D882	210			
	TD		220			
Elongation at Break	MD		125			
	TD		95			
Surface Tension	N	dyne/cm	ASTM D2578			
Shrinkage @ 150 °C, 30 min	MD	%	ASTM D1204			
	TD		1.0			
Water Vapor Transmission Rate @ 38 °C, 90% R. H.	g/(m <sup>2</sup> .day)	ASTM F1249	38	22	15	10
Oxygen Transmission Rate @ 23°C, 0% R. H.	cm <sup>3</sup> /(m <sup>2</sup> .day)	ASTM D3985	100	70	50	40

