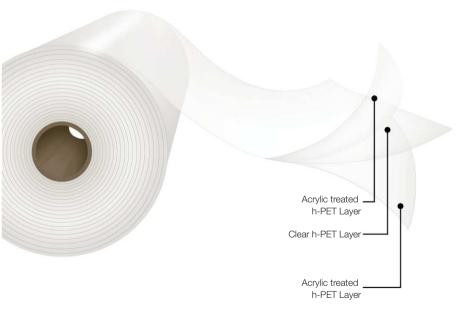
# **BOPET Film**

### **OPET PlainFilm**





## Acrylic treated on both sides.

#### Description

Transparent film, acrylic treated on both sides. The base raw material is PET homopolymer with enhanced clarity in all three layers.

#### **Main Characteristics**

- Very good clarity
- High temperature resistance
- Excellent flatness and dimensional stability
- Acrylic treament on both sides
- Very good bonds to metal, adhesives, and a variety of inks
- Moisture and temperature resistance

#### **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. This film provides high adhesiveness on both sides and to a variety of ink systems such as nitrocellulose based systems, adhesives and to the aluminum layer in metallization. It meets the FDA regulations for direct food contact. It is designed for high processability in packaging machinery as the outer web in laminations. This film is moisture and temperature resistant in hot filling and sterilization applications.

#### \* 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

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Standard Dimensions *	Film C
	ET 10

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

	Thickness	Unit	Core		760 mm Φ Outside Diam.						
Film Code	(µm)	Weight (g/m²)	Width (mm)	Size	Length (m)	Weight (kg/cm)	Treatment				
ET 10 AA	10.0	13.9	400 to 0.000	400 to 2 000	400 to 2,000			39,400			
ET 12 AA	12.0	16.7							32,800		
ET 19 AA	19.0	26.5				6"	20,800	5.49	Acadia in both aidea		
ET 23 AA	23.0	32.1	400 10 2,000	10 2,000 6	17,200	5.49	Acrylic in both sides				
ET 36 AA	36.0	50.2			11,000						
ET 50 AA	50.0	69.8								7,900	

#### 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		l leit		Thickness in Microns						
		Unit	Testing Method	10.0	12.0	19.0	23.0	36.0	50.0	
Haze		%	ASTM D1003	0.5	1.0	2.0	2.3	4.0	5.0	
Gloss 45°	_	70	ASTM D2457	130						
Coefficient of Friction - Kinetic	A/A	A/A	ASTM D1894	0.30						
	T/T	-		0.35						
Tensile Strength	DM	N/mm <sup>2</sup>		210						
	DT	IN/11111**		220						
Elongation at Break	DM	%	ASTM D882	125						
	DT	%	ASTIVI Dooz	95						
Secant Modulus 2%	DM	N/mm <sup>2</sup>		3,900						
	DT	IN/IIIII-		4,200						
Surface Tension	A	dyn/cm	ASTM D2578	44						
Shrinkage (150 °C, 30 min)	DM	%	ASTM D1204	1.2						
	DT	90		1.0						
Water Vapor Transmission Rate (38 °C, 90 % R.H.)		g/(m².d)	ASTM F1249	4.0	38	28	22	15	10	
	-			125	100	80	70	50	40	

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