

## BOPET Film

Copolyester with high cross-linking rate and thermal resistance on one side, corona treated on reverse side

### Description

Opet PlainFilm RT is a transparent film, copolyester with high cross-linking and thermal resistance on one side, corona treated on reverse side. The base raw material is PET homopolymer with enhanced clarity on its three layers. The corona treated side is located on the inside face of the reel.

### Main Characteristics

- Suitable for high temperature filling processes and retort.
- Excellent flatness and dimensional stability.
- Outstanding processability in high vacuum metallizing processes.



#### \* 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>



### Standard Dimensions\*

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 RT	12.0	16.8	400 to 2,000	6"	32,200	5.49	Copolyester Out Corona In

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

### Typical Values of Physical Properties\*\*

Property	Unit	Testing Method	Thickness in Microns
			12
Haze	%	ASTM D1003	3.0
Gloss @ 45°	%	ASTM D2457	130
Coefficient of Friction - Kinetic	R/R	-	ASTM D1894
	T/T	-	
Tensile Strength	MD	N/mm <sup>2</sup>	210
	TD		220
Elongation at Break	MD	%	125
	TD		95
Surface Tension	R	dyne/cm	50
	T		58
Shrinkage @ 150 °C, 30 min	MD	%	2.0
	TD		1.0
Water Vapor T. R. @ 38 °C, 90% R. H.	g/(m <sup>2</sup> .day)	ASTM F1249	38
Oxygen T. R. @ 23 °C, 0% R. H.	cm <sup>3</sup> /(m <sup>2</sup> .day)	ASTM D3985	100

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

Notes: MD - Machine Direction | TD - Transverse Direction | R - High Cross-linking Copolyester Side | T - Corona Treated Side