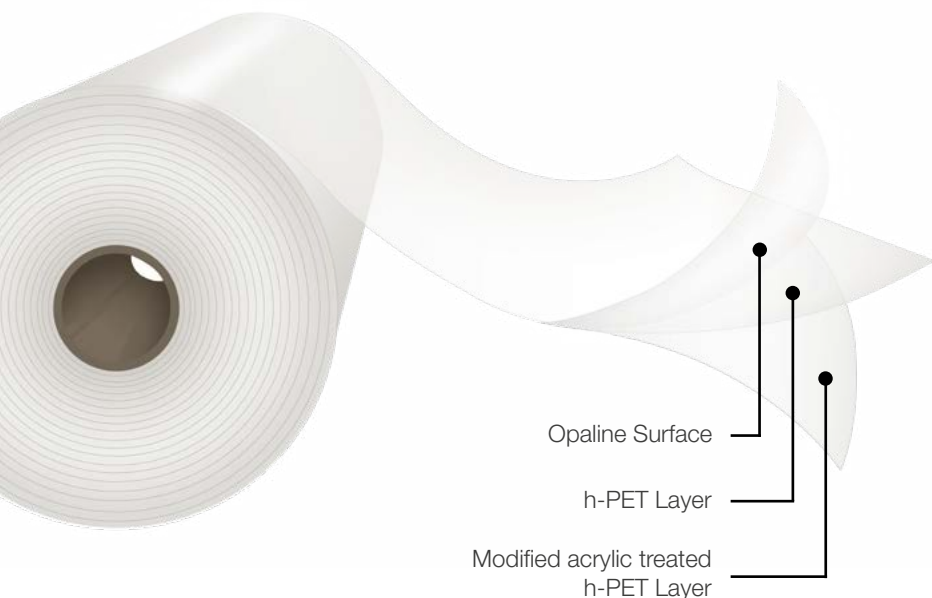


BOPET Film

Opaline surface.



Opet OpalineFilm TH

ETO - TH



Description

Opet OpalineFilm TH presents opaline finished. The base raw material is PET homopolymer. The modified acrylic treated glossy printable side is located on the inside face of the reel.

Main Characteristics

- Opal-low gloss surface for self-adhesive labels and/or PVC windows
- Outstanding machinability
- Excellent flatness and dimensional stability
- Modified acrylic treated inside for good adhesiveness to a variety of inks and high heat resistance

Applications

This product is suitable to be used in a wide variety of converting processes in the food packaging industry as well as in other industrial applications. The modified acrylic treated side provides very good adhesiveness to a variety of ink systems such as PVB polyvinyl based systems and adhesives. The combination of a smooth opaline and high gloss surface, excellent contact transparency and a very good scratch resistance confers a protective surface with a unique appearance. This film is ideal for use in stand-up pouch/ doypacks for cosmetics, wet wipes for babies and / or make-up removal, flowpacks and doypacks for organic products. It meets 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.

Standard Dimensions*

*This product has lot size and width restrictions. Please consult your sales representative. Refer to ETO-HT as inside Opal side variant.

OpetFilm Code	Thickness (mils)	Yield (in ² /lb)	Width (in)	Core Size	22¼" Ø Outside Diam.		30" Ø Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	Length (ft)	Weight (lb/in)	
ETO 12 TH	0.47	41,900	15 to 80	6"	55,800	16.18	105,600	30.73	Modified Acrylic Inside

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		
			0.47		
Haze	%	ASTM D1003	30		
Gloss @ 45°	%	ASTM D2457	60		
Coefficient of Friction - Kinetic	-	ASTM D1894	0.30		
Tensile Strength	lb/in ²	ASTM D882	30,500		
			31,900		
Elongation at Break	%		125		
			95		
Secant Modulus @ 2%	lb/in ²		566,000		
			609,000		
Surface Tension	dyne/cm		OHG M004	50	
				52	
Shrinkage @ 300 °F, 30 min	%	ASTM D1204	1.2		
			1.0		
Water Vapor T. R. @ 100 °F, 90% R. H.	g/(100 in ² .day)	ASTM F1249	2.5		
Oxygen T. R. @ 73 °F, 0% R. H.	cm ³ /(100 in ² .d)	ASTM D3985	6.5		

Opet OpalineFilm TH

ETO - TH