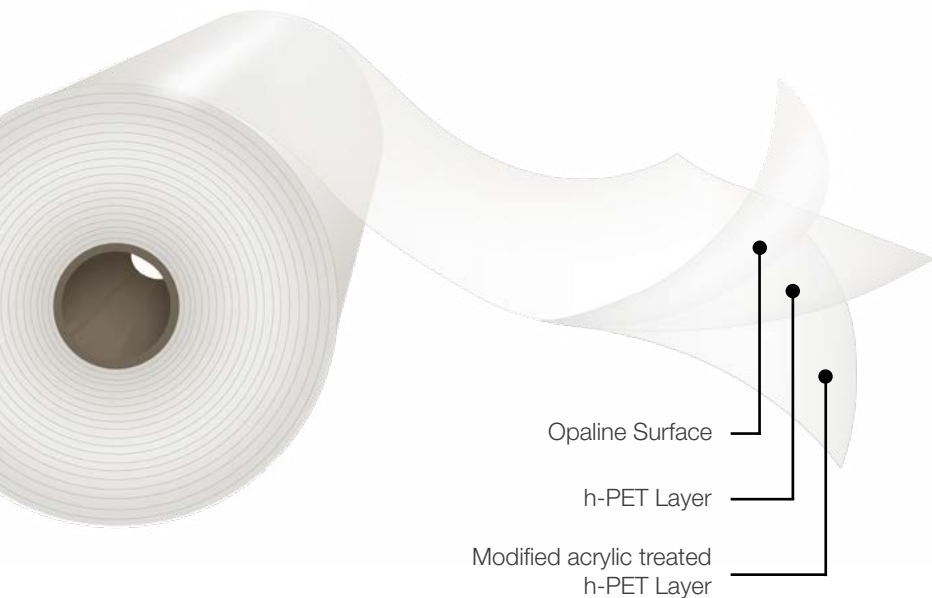


BOPET Film

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 (µm)	Unit Weight (g/m ²)	Width (mm)	Core Size	565 mm Ø Outside Diam.		760 mm Ø Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	Length (m)	Weight (kg/cm)	
ETO 12 TH	12.0	16.8	400 to 2,000	6"	17,000	2.89	32,200	5.49	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 Microns
			12
Haze	%	ASTM D1003	30
Gloss @ 45°	T	ASTM D2457	60
Coefficient of Friction - Kinetic	H/H	ASTM D1894	0.30
Tensile Strength	MD	ASTM D882	210
	TD		220
Elongation at Break	MD		125
	TD		95
Secant Modulus @ 2%	MD		3,900
	TD		4,200
Surface Tension	H	OHG M004	50
	T		52
Shrinkage @ 150 °C, 30 min	MD	ASTM D1204	1.5
	TD		0.5
Water Vapor T. R. @ 38 °C, 90% R. H.	g/(m ² .day)	ASTM F1249	38
Oxygen T. R. @ 23°C, 0% R. H.	cm ³ /(m ² .day)	ASTM D3985	100

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