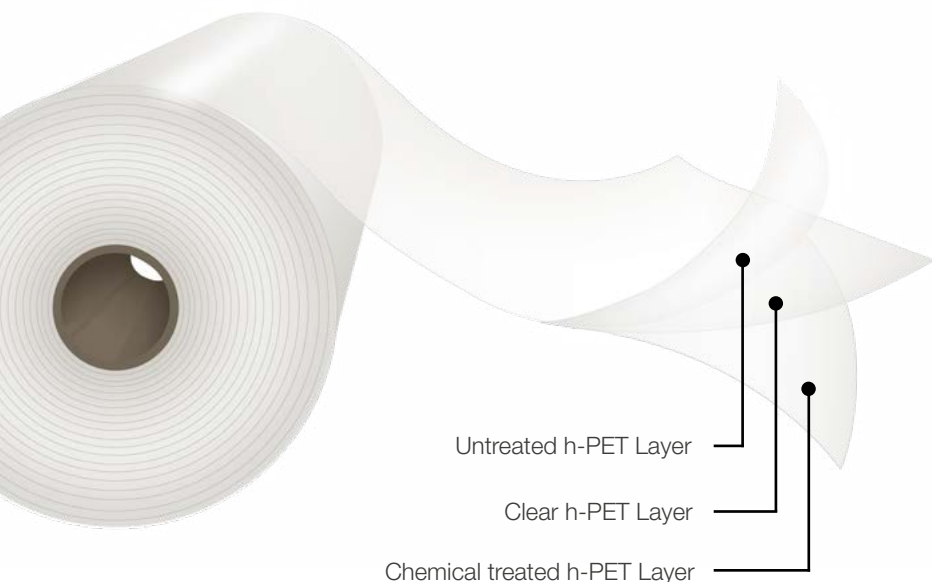


BOPET Film

Chemical treated inside



Descripción

Opet PlainFilm NQ is a transparent film, one side chemically treated with coPET and no treatment on the reverse side. The base raw material is PET homopolymer with enhanced clarity in all three layers. The chemical treated side is located on the inside face of the reel.

Main Characteristics

- Very good transparency
- Outstanding machinability
- Excellent flatness and dimensional stability
- One side chemical treated
- Excellent bonds to metal, adhesives and a variety of inks

Applications

This product is suitable to be used in a great variety of converting processes in the food packaging industry as well as in other industrial applications. The chemical treated side provides high adhesiveness to a variety of ink systems such as PVB polyvinyl 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. The coPET treatment has limited temperature and moisture resistance then it is not recommended for hot filling and sterilization processes.

* 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.

Opet PlainFilm NQ

ET - NQ



Standard Dimensions*

*This product has lot size and width restrictions. Please consult your sales representative. Refer to ET-QN as outside chemical treated side variant.

Opet Film Code	Thickness (mils)	Yield (lb ² /lb)	Width (in)	Core Size	22½" Ø Outside Diam.		30" Ø Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	Length (ft)	Weight (lb/in)	
ET 10 NQ	0.39	50,200	15 to 80	6"	66,600	16 18	126,900	30 73	Plain Out Chemical In
ET 11 NQ	0.43	45,700			61,200		116,250		
ET 12 NQ	0.47	41,900			55,800		105,600		
ET 19 NQ	0.75	26,400			35,100		66,900		
ET 23 NQ	0.91	21,800			28,900		55,100		

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				
			0.39	0.43	0.47	0.75	0.91
Haze	%	ASTM D1003	2.2	2.3	2.5	3.5	4.0
Gloss @ 45°	%	ASTM D2457	130				
Coefficient of Friction - Kinetic	N/N	ASTM D1894	0.27				
	Q/Q		0.30				
Tensile Strength	MD		30,500				
	TD		31,900				
Elongation at Break	MD	ASTM D882	125				
	TD		95				
Secant Modulus @ 2%	MD		566,000				
	TD		609,000				
Surface Tension	Q	OHG M004	64				
Shrinkage @ 300 °F, 30 min	MD	ASTM D1204	1.2				
	TD		1.0				
Water Vapor T. R. @ 100 °F, 90% R. H.	g/(100 in ² .day)	ASTM F1249	2.6	2.5	2.5	1.8	1.4
Oxygen T. R. @ 73 °F, 0% R. H.	cm ³ /(100 in ² .d)	ASTM D3985	8.1	7.1	6.5	5.2	4.5

Opet Plain Film NQ

ET - NQ

