

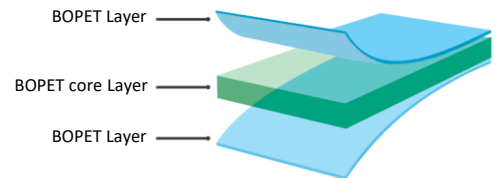
PETPAK 121S

Transparent BOPET Film

- Features:
- Excellent dielectric properties
 - Superior mechanical strength
 - Good thermal stability
 - High break down voltage
 - Excellent flatness

Electrical Insulation

- Application:
- Transparent film used for electrical insulation application like cable wrapping, electrical insulations in transformers and electrical motors.



Specification	Test Method	Unit	Test Direction	23μ	36μ	50μ	75μ
Yield	ASTM D4321	m ² /Kg	-	31.1	19.8	14.2	9.5
Tensile Strength	ASTM D882	N/mm ²	MD	180		190	
			TD	190	200		
Elongation at Break	ASTM D882	%	MD	135	145		
			TD	120	130		
Thermal Shrinkage (150 °C, 30 min)	ASTM D1204	%	MD	2	1.5		
			TD	1	0.5		
Haze	ASTM D1003	%	-	3.5		4	
Dynamic C.O.F	ASTM D1894	-	-	0.5			
Melting Point	Differential thermo analysis	°C	-	250			
Water absorption	ASTM D570	%	-	< 0.5			
Break Down Voltage	ASTM D149	KV	-	5.4	6.1	6.9	8.6
Volume Resistivity	ASTM D257	ohm.cm	-	>10 ¹⁵			

MD: Machine direction, TD: Transverse direction
 Untreated film can also be supplied upon request (Petpak 120 S).

Storage and Handling : Petpak need to be stored in a closed place and should be prevented to expose to direct sunlight or light sources. It is recommended to store at conditions not exceeding 35 C and in relative humidity less than 60%.

Food Contact : This film complies with the EU and FDA regulations. Specific documents are available upon request.

Disclaimer : PETCO does not guarantee the typical values. Any data included herein is based on the analysis of representative samples and not the actual product shipped. NO guarantee is made regarding information presented in this document. The user is solely responsible for all determinations regarding use and therefore PETCO denies any responsibility for any loss or damage that may occur from the use of this information. PETCO strongly suggests that before any vast usage, make sure to study "Customer' s Guide " and test our product in limited amounts.