

TEKNIFLEX® PTATP22002

PE/PCTFE Film

Tekni-Films, a div of Tekni-Plex

Message:

A pharmaceutical-grade PE/PCTFE flexible film, unconventionally bonded, is specially developed to contain demanding liquids. The film is a high barrier, transparent, radiation sterilization stable, non-yellowing, thermoformable and EP- and FDA-compliant film. The product contact layer is a polyethylene without additives for containers for parenteral and ophtalmic preparations, with a low extractables profile. PCTFE offers the high barrier to moisture and to aromatic and aliphatic hydrocarbon species and excipients. The construction does not absorb excipients.

General Information		
Features	Flavor & Aroma Barrier	
	Good Flexibility	
	Low Extractables	
	Moisture Barrier	
	Radiation Sterilizable	
Uses	Containers	
	Pharmaceuticals	
	Thermoforming Applications	
Agency Ratings	DMF 1378	
	EP Unspecified Rating	
	FDA Unspecified Rating	
	USP Unspecified Rating	
Appearance	Clear/Transparent	
	Glossy Finish	
	Matte Finish	
Forms	Film	
Processing Method	Thermoforming	
Physical	Nominal Value	Unit
Specific Gravity	1.32	g/cm ³
Dimensional Stability ¹		
Across Flow, 140°C	-4.0	%
Flow, 140°C	4.0	%
Mechanical	Nominal Value	Unit
Coefficient of Friction ²	0.60	
Films	Nominal Value	Unit
Film Thickness ³	151	µm
Yield	4.93	m ² /kg

Roll Width ⁴	< 110.00	cm
Thermoforming Molding Temperature	105 to 120	°C
Tensile Strength		
MD : Yield	18.0	MPa
TD : Yield	15.0	MPa
Oxygen Transmission Rate ⁵ (23°C, 90% RH)	62	cm ³ /m ² /24 hr
Water Vapor Transmission Rate (38°C, 90% RH)	0.14	g/m ² /24 hr
Optical	Nominal Value	Unit
Transmittance (450 nm)	> 90.0	%
NOTE		
1.	10 minutes	
2.	Mat Finish	
3.	Thickness tolerance: ±10%	
4.	Roll width tolerance: ±1.5 mm	
5.	100% O2	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT