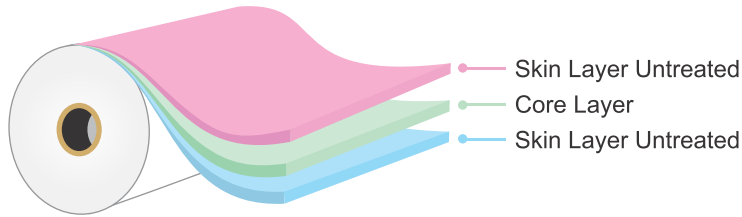


PET G - High Shrink PET Film

rHSPF-0

Structure



Description

rHSPF-0 High Shrink Transverse oriented clear co-extruded PETG Film. This film contains 30 % PCR and film is both side untreated.

Features

- Excellent and uniform heat shrinkage
- Excellent Clarity, Transparency and gloss
- This film is suitable for reverse printing
- Excellent encouragement of ink
- Regular shrink force

Applications

- High shrink film is suitable for the full body shrink sleeves, seal caps, pressure sensitive shrink labels for regular containers as well as short neck containers
- The major applications are cosmetics, personal cares, dairy, foods, Juice packaging and pharmaceutical packaging

Typical Values

Properties	Ref.	Units	Tolerance	ASTM#/Test Method	rHSPF-0				
Physical Data									
Average Thickness		micron	± 5%	D-374-C	40	45	48	50	60
		gauge			160	180	192	200	240
		mils			1.6	1.8	1.9	2.0	2.4
Density		g/cc	± 0.02		1.27	1.27	1.27	1.27	1.27
Average Substance		g/m ²			50.8	57.15	60.96	63.5	76.2
Surface tension	UT	dynes/cm		D-2578	40 - 42				
COF (Static / Dynamic)	Film/Film		±0.1	D-1894	0.50/0.45				
	Film/Metal				0.35/0.30				
Yield		m ² /Kg	± 5%	D-4321	19.69	17.50	16.40	15.75	13.12
		in ² /lb			13843	12303	11530	11073	9224
Optical Data									
Haze		%		D-1003	<5				
Mechanical Data									
Tensile Strength	MD	kg/ cm ²	±150	D-882	400	400	400	400	400
	TD		±500		2500	2500	2500	2500	2500
Elongation	MD	%	±100	D-882	400	400	400	400	400
	TD		±30		50	50	50	50	50
Thermal Data									
Boiling Water Shrinkage (At 98°C/30 Sec)	MD	%	±2	CTM	2.0				
	TD		±3		78.0				

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction B0 : Untreated

Disclaimer : The information provided above is based on COSMO FILMS conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.

Note : For shrink curve, film samples dipped in hot water at different temperature for 10 sec.

PET G - High Shrink PET Film

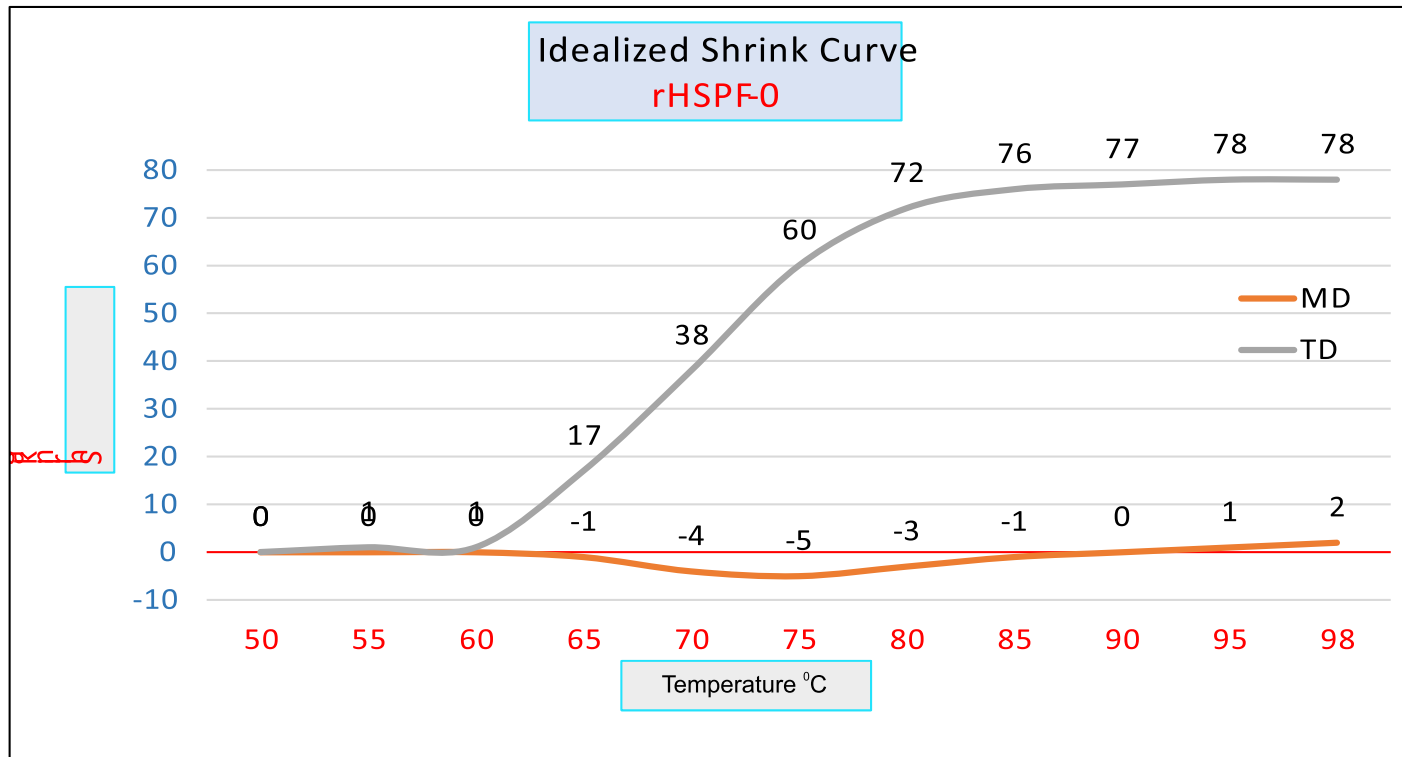
rHSPF-0

Storage & Handling:

- 1) High shrink PET film should not be stored in temperature above 25°C (77°F)
- 2) Film should not be exposed to direct sunlight.
- 3) Ideal storage humidity is 40-70% RH
- 4) Recommended use of material within 6 months from the date of dispatch.

Regulatory:

Complies with US FDA, EC and REACH regulations.



Cosmo Films