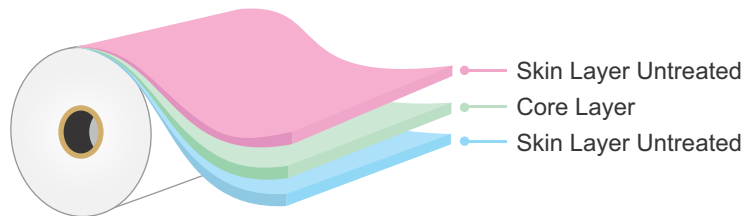


PET G - High Shrink PET Film

HSPF-0

Structure



Description

HSPF-0 High Shrink Transverse oriented clear co-extruded PETG Film. This 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
- Recyclable
- 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	HSPF-0					
Physical Data										
Average Thickness		micron	± 5%	D-374-C	40	45	48	50	60	70
		gauge			160	180	192	200	240	280
		mils			1.6	1.8	1.9	2.0	2.4	2.8
Density		g/cc	± 0.02		1.27	1.27	1.27	1.27	1.27	1.27
Average Substance		g/m²			50.8	57.15	60.96	63.5	76.2	88.9
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		m²/Kg	± 5%	D-4321	19.69	17.50	16.40	15.75	13.12	11.24
		in²/lb			13843	12303	11530	11073	9224	7902
Optical Data										
Haze		%		D-1003	<5					
Mechanical Data										
Tensile Strength	MD	kg/ cm²	±150	D-882	500	500	500	500	500	500
	TD		±500		3000	3000	3000	3000	3000	3000
Elongation	MD	%	±100	D-882	500	500	500	500	500	500
	TD		±30		65	65	65	60	60	60
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.

Cosmo Films

1st Floor, Uppal's Plaza, M-6 Jasola District Centre, New Delhi-110025, T: + 91-11-49 49 49 49,
E-mail: sales.enquiry@cosmofilms.com | www.cosmofilms.com

PET G - High Shrink PET Film

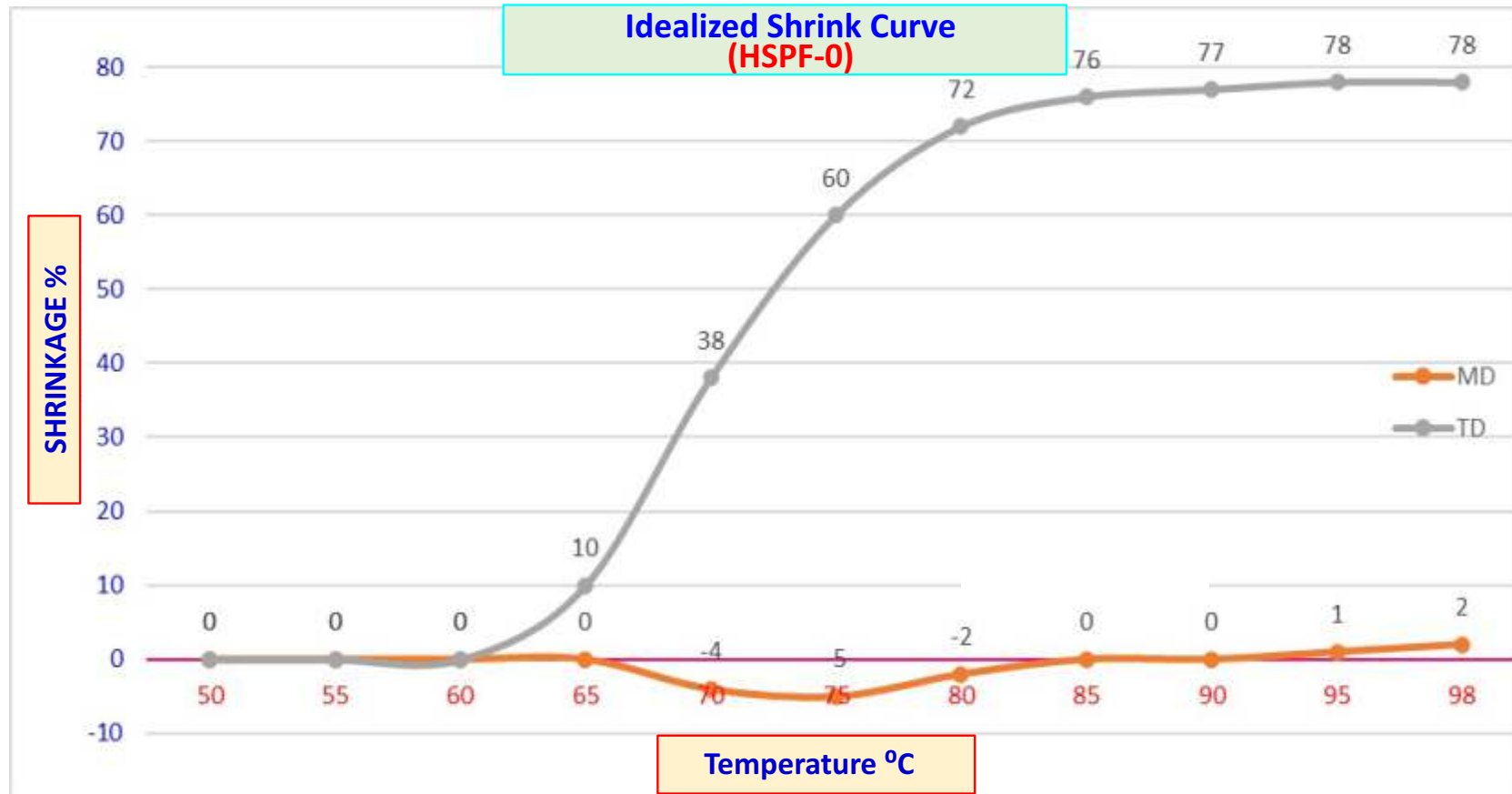
HSPF-0

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

1st Floor, Uppal's Plaza, M-6 Jasola District Centre, New Delhi-110025, T: + 91-11-49 49 49 49,
E-mail: sales.enquiry@cosmofilms.com | www.cosmofilms.com