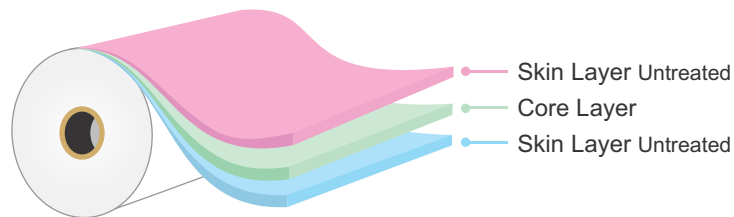


# BOPET Low Haze Film

## LHF-0

### Structure



### Description

It is Co-Extruded High Clear Film with smooth surface and good handling properties.

### Features

- High Clarity and transparency.
- Good Gloss
- Excellent machinability
- Good dimensional stability

### Applications

- Glitter Application
- Sequencing, holography, metallization and industrial applications
- Good Adhesion for ink and lacquers

### Typical Values

Properties	Ref.	Units	ASTM#/Test Method	LHF-0							
Physical Data											
Average Thickness		micron	D-374-C	50	75	90	100	103	110	114	125
		gauge		200	300	360	400	412	440	456	500
		mils		2.0	3.0	3.6	4.0	4.1	4.4	4.5	5.0
Density		g/cc		1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Average Substance		g/m²		70	105	126	140	144.2	154	159.6	175
Surface tension (min.)	UT	dynes/cm	D-2578	42-44							
Kinetic COF (Max.)	UT/UT		D-1894	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
Yield		m²/Kg	D-4321	14.3	9.5	7.9	7.1	6.9	6.5	6.3	5.7
		in²/lb		10044	6696	5580	5022	4876	4569	4405	4018
Optical Data											
Haze (Max.)		%	D-1003	1.4	1.4	1.5	1.6	1.7	1.7	1.8	2.0
Mechanical Data											
Tensile Strength (min.)	MD	kg/ cm²	D-882	1700 - 1900							
	TD			1700 - 2000							
Elongation (min.)	MD	%	D-882	110-140							
	TD			115-150							
Thermal Data											
Linear Shrinkage (Max.) (150°C/302°F, 30 min.)	MD	%	D-1204	2.0							
	TD			0.6							

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction CT : Corona Treated UT : Untreated

**Storage & Handling** : PET film needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, sources or high humidity. If the material is stored in the recommended conditions PET is suitable for use within 9 months from the date of dispatch

**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.

Updated as on Sept - 2025

### Cosmo Films

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