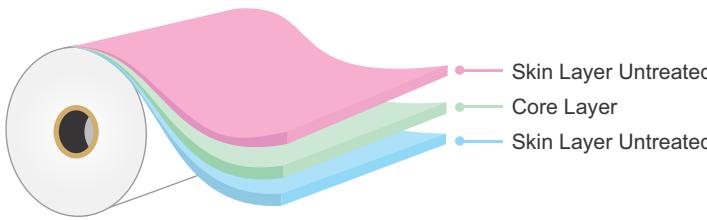


# BOPET Normal Haze Film

## NHF-0

### Structure



### Description

It is Co-Extruded transparent Film with smooth surface and good handling properties. The film is both side untreated.

### Features

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

### Applications

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

Properties	Ref.	Units	ASTM#/Test Method	Typical Values									
				NHF-0									
<b>Physical Data</b>													
Average Thickness		micron	D-374-C	50	75	90	100	105	107	110	115	120	
		gauge		200	300	360	400	420	428	440	460	480	
		mils		2.0	3.0	3.6	4.0	4.2	4.2	4.4	4.6	4.8	
Density		g/cc		1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
Average Substance		g/m <sup>2</sup>		70	105	126	140	147	149.8	154	161	168	
Surface tension	UT	dynes/cm	D-2578	42 - 44									
Kinetic COF	UT/UT		D-1894	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
Yield		m <sup>2</sup> /Kg	D-4321	14.3	9.5	7.9	7.1	6.8	6.67	6.5	6.2	5.95	
		in <sup>2</sup> /lb		10044	6696	5580	5022	4780	4689	4569	4359	4183	
<b>Optical Data</b>													
Haze (max.)		%	D-1003	2.6	2.8	3.0	3.2	3.2	3.3	3.3	3.3	3.3	3.5
<b>Mechanical Data</b>													
Tensile Strength	MD	kg/ cm <sup>2</sup>	D-882	1700 - 1900									
	TD			1700 - 2000									
Elongation	MD	%	D-882	110-140									
	TD			115-150									
<b>Thermal Data</b>													
Linear Shrinkage (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.