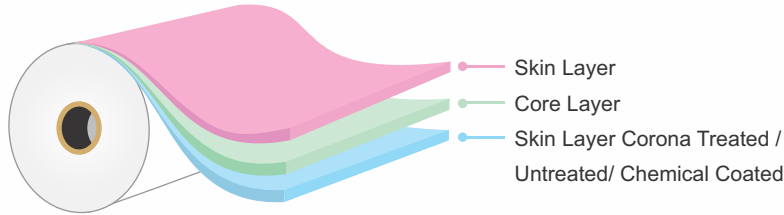


# BOPET Normal Haze Film

## CF-NHF

### Structure



### Description

It is Co-Extruded transparent Film with smooth surface and good handling properties. The film is both side untreated. If required one side can be corona treated or chemical coated.

### 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

### Data Sheet

Properties	Ref.	Units	ASTM#/Test Method	CF-NHF						
<b>Physical Data</b>										
Average Thickness		micron	D-374-C	50	75	90	100	103	114	120
		gauge		200	300	360	400	412	456	480
		mils		2.0	3.0	3.6	4.0	4.1	4.5	4.8
Density		g/cc		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	144.2	159.6	168
Surface tension	UT/CT	dynes/cm	D-2578	42 / 52						
Kinetic COF	UT/CT		D-1894	0.50	0.50	0.50	0.50	0.50	0.50	0.50
	UT/UT			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	6.9	6.3	5.95
		in <sup>2</sup> /lb		10044	6696	5580	5022	4876	4405	4183
<b>Optical Data</b>										
Haze		%	D-1003	2.6	2.8	3.0	3.2	3.2	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	2.5						
	TD			0.8						

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 Jan - 2023