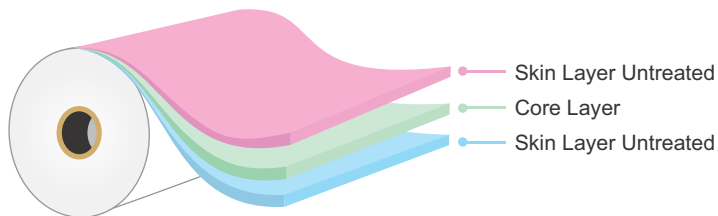


BOPET Normal Haze Film

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

Typical Values

Properties	Ref.	Units	ASTM#/Test Method	NHF-0								
Physical Data												
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/m²		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
Yield		m²/Kg	D-4321	14.3	9.5	7.9	7.1	6.8	6.67	6.5	6.2	5.95
		in²/lb		10044	6696	5580	5022	4780	4689	4569	4359	4183
Optical Data												
Haze (max.)		%	D-1003	2.6	2.8	3.0	3.2	3.2	3.3	3.3	3.3	3.5
Mechanical Data												
Tensile Strength	MD	kg/ cm²	D-882	1700 - 1900								
	TD			1700 - 2000								
Elongation	MD	%	D-882	110-140								
	TD			115-150								
Thermal Data												
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.

Cosmo Films

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