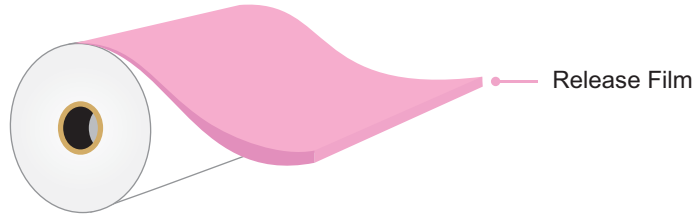


BOPET - Transparent release Film

CF-RLF

Structure



Description

CF-RLF is a co-extruded, transparent BOPET film. The film is both side untreated. If required one side can be given as corona treated.

Features

- High mechanical strength & durability
- Good Clarity and Transparency
- Excellent machinability properties
- Good thermal & dimensional stability

Applications

- This film grade is specially designed for silicon coating application for better release. .

Typical Values

Properties	Ref.	Units	ASTM#/Test Method	CF-RLF				
Physical Data								
Average Thickness		micron	D-374-C	19	23	30	36	50
		gauge		76	92	120	144	200
		mils		0.7	0.9	1.2	1.4	2.0
Density		g/cc		1.4	1.4	1.4	1.4	1.4
Average Substance		g/m ²		26.6	32.2	42.0	50.4	70
Surface tension (min.)	CT	dynes/cm	D-2578	52				
Kinetic COF (Max.)	UT/CT			0.40/0.45				
Yield		m ² /Kg	D-4321	37.6	31.0	23.8	19.8	14.28
		in ² /lb		26435	21795	16733	13948	10039
Optical Data								
Haze (Max.)		%	D-1003	4.0	5.0	5.5	6.0	7.0
Mechanical Data								
Tensile Strength (min.)	MD	kg/ cm ²	D-882	2100	2100	2100	2000	2000
	TD			2200	2200	2200	2100	2100
Elongation (min.)	MD	%	D-882	115	115	115	120	120
	TD			95	95	95	95	95
Thermal Data								
Linear Shrinkage (Max.) (150°C/302°F, 30 min.)	MD	%	D-1204	3.0				
	TD			0.0				

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