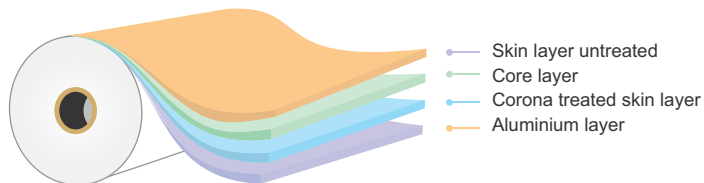


BOPET-Metallized Twist Film For Candy Application

CF-TGF (MO)

Structure



Description

CF-TGF-MO is a co-extruded, metallized BOPET film. Metallization on corona treated surface. Other side plain.

Features

- Excellent machinability & handling properties
- High mechanical properties
- Excellent twist retention
- Zero memory, Eco-friendly

Applications

- This film is specially designed and suitable for :
 - Twist wrapping both in hot & cold condition
 - Candy and Lollipops wrap application

Typical Values

Properties	Ref.	Units	ASTM#/Test Method	CF-TGF (MO)		
Physical Data						
Average Thickness		micron	D-374-C	15	18	23
		gauge		60	72	92
		mils		0.6	0.7	0.9
Density		g/cc	D-1505	1.4	1.4	1.4
Average Substance		g/m ²		21.0	25.2	32.2
Yield		m ² /Kg	D-4321	47.62	39.68	31.06
		in ² /lb		33480	27900	21834
Optical Data						
Optical Density Tolerance +/- 5%	NB		CTM	2.2 - Normal barrier application		
Mechanical Data						
Tensile Strength (min.)	MD	kg/ cm ²	D-882	2300	2300	2300
	TD			2400	2400	2400
Elongation (min.)	MD	%	D-882	110	115	125
	TD			85	90	100
Surface Data						
Surface tension (min.)	MS	dynes/cm	D-2578	56		
COF Kinetic (Max.)	MS/NM		D-1894	0.7		
Barrier Data						
MVTR (38 °C, 90%RH)		g/m ² /day	F-1249	1.2	1.1	1.0
MVTR (100 °F, 90%RH)		g/100in ² /day		0.07	0.07	0.06
OTR (23 °C, 0%RH)		cc/m ² /day	D-3985	1.4	1.2	1.1
OTR (73 °F, 0%RH)		cc/100in ² /day		0.09	0.07	0.07

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction CT : Corona Treated
 CS : Coated Side UT : Untreated MS : Metal Side NM: Non-metal side

Note : PET film inherent surface tension is minimum 42 dynes/cm on untreated side

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 6 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.