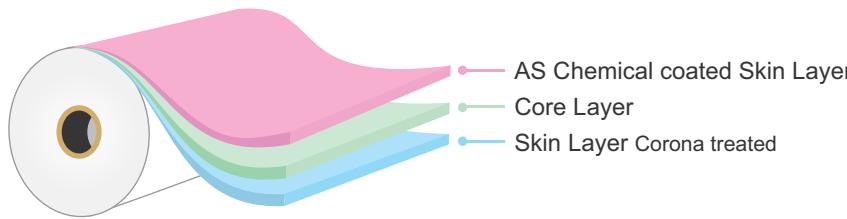


BOPET-Transparent Twist Grade Film

TGF-1

Structure



Description

CF-B1-TGF is a co-extruded, transparent BOPET film. The film is one side AS coated & other side corona treated. Do not print on coated side.

Features

- High mechanical strength & durability.
- Good Clarity and transparency
- Excellent machinability properties
- Good thermal & dimensional stability.
- Very low static charge, Zero memory.
- Excellent twist retention.

Applications

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

Properties	Ref.	Units	ASTM#/Test Method	Typical Values					
				TGF-1					
Physical Data									
Average Thickness		micron	D-374-C	15	18	20	23	30	
		gauge		60	72	80	92	120	
		mils		0.6	0.7	0.8	0.9	1.2	
Thickness Variation		% (±)							3
Density		g/cc							1.4
Average Substance		g/m ²		21.0	25.2	28.0	32.2	42.0	
Surface tension (min.)	CS/CT	dynes/cm	D-2578						48 / 52
COF Kinetic (Max.)	A / B		D-1894						0.45
Yield		m ² /Kg	D-4321	47.62	39.68	35.71	31.06	23.81	
		in ² /lb		33480	27900	25110	21834	16740	
Optical Data									
Haze (max.)		%	D-1003	3.5	4.0	4.0	4.5	4.5	
Mechanical Data									
Tensile Strength	MD	kg/ cm ²	D-882	2300	2300	2300	2200	2200	
	TD			2400	2400	2400	2300	2300	
Elongation	MD	%	D-882	110	115	115	125	125	
	TD			85	90	90	100	100	
Thermal Data									
Shrinkage (150°C/302°F, 30 min.)	MD	%	D-1204						22
	TD								30

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction CT : Corona Treated CS : Coated Side

Storage & Handling : Need to be stored in a warehouse below 30°C (95°F) and should not be exposed to direct sunlight, bright light sources or high humidity. If the material is stored in the recommended conditions, Films is suitable for use within 270 days from date of shipment.

FOOD CONTACT Cosmo Films complies with EU and FDA regulations on plastic materials used for food grade application.

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.