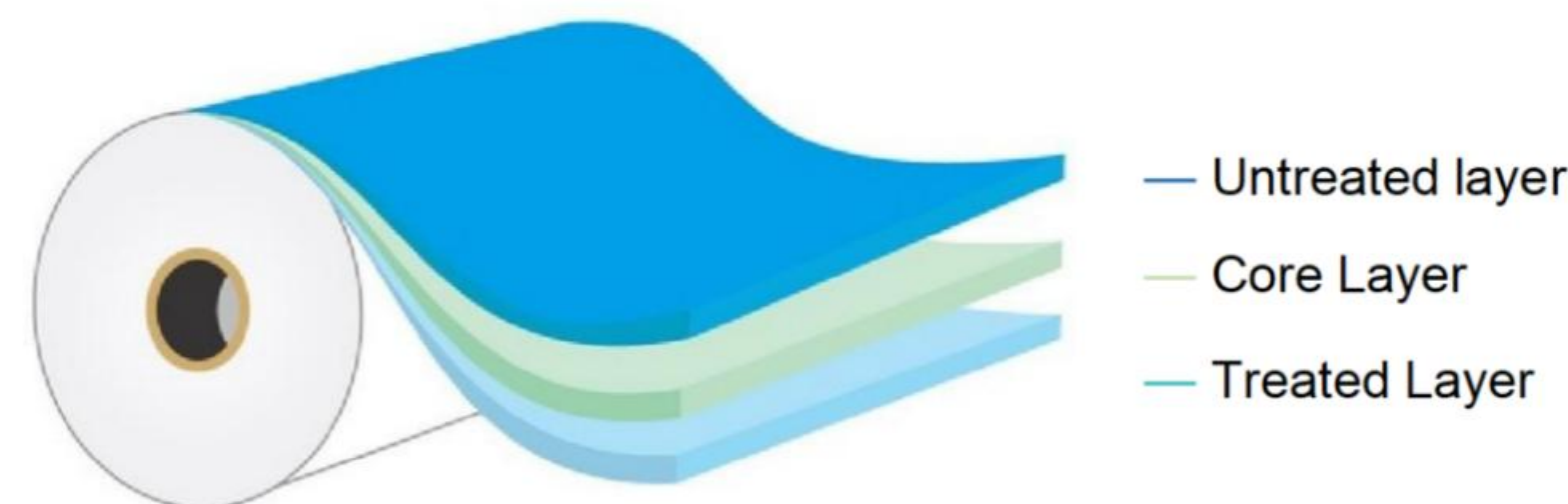


Transparent Flower Packaging Film

JIG 50μm

Technical Data

Structure



Description

Transparent, hot-cuttable BOPP film with low static, minimal crystal defects, and enhanced adhesion via robust inner-side corona treatment. Engineered for superior easy-opening performance in flexible packaging applications.

Application

Designed for superior easy-opening performance in flexible packaging applications. Also, Used for transparent flower packaging, this film enhances freshness retention and supports simple printing applications.

Properties	Ref.	Units	ASTM #/ Test Method	JIG					
Physical Data									
Average Thickness		micron	D-374-C	15	20	25	30	40	50
		gauge		59	79	98	118	157	197
		mils		0.6	0.8	1.0	1.2	1.6	2.0
Thickness Variation		%(±)		3					
Density		g/cc		0.905					
Average Substance		g/m		13.6	18.1	22.6	27.2	36.2	45.3
Surface tension(min)		dynes/cm	D-2578	≥36					
Kinetic COF	UT-UT		D-1894	0.20-0.25					
Yield		m ² /Kg	D-4321	73.7	55.2	44.2	36.8	27.6	22.1
		in ² /lb	D-4321	51792	38844	31075	25896	19422	15537
Optical Data									
Gloss(45)		gardner	D-2457	≥90					
Haze		%	D-1003	≤2.0					
Mechanical Data									
Tensile Strength	MD	kg/cm	D-882	120-160					
	TD			230-300					
Elongation at break	MD	%	D-882	150-180					
	TD			50-65					
Thermal Data									
Shrinkage (120°C/248F,5 min.)	MD	%	D-1204	2.0-4.0					
	TD			1.0-2.0					
HotTack Strength		g/15mm	@125°C	330				350	
			@257°F						
Barrier Data									
MVTR(38°C,90%RH)		g/(m ² ·day)	F-1249	4.0~6.5	2.5~4.0			1.2~2.6	
MVTR(10B,90%RH)		g/100i/day		0.26~0.42	0.16~0.26			0.08~0.17	

The values given in the above table are typical performance data for reference only. If you have special requirements for product performance indexes, please communicate with business manager.

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