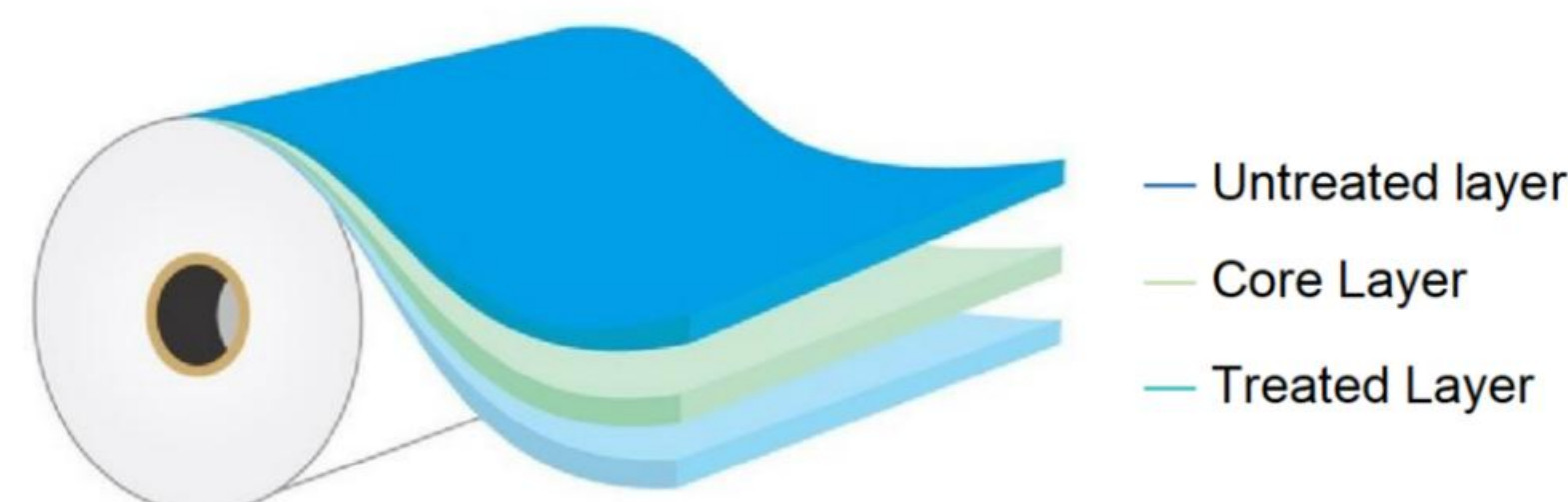


Transparent Flower Packaging Film

JIG 25 μ m

Technical Data

Structure



Description

Transparent, hot-cutable 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		%(\pm)		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.

FOROP Advanced Materials Co., Ltd.

Address: No.166 Fuju Road, Yinxi Street, Fuqing City, Fuzhou City, Fujian Province, China

Email: sales@sino-forop.com | <https://sales.forop.com>

Update date:08/25