

YONGWEI(TIANJIN) TECHNOLOGY COMPANY

BOPA FILM (ONK-15)

Product of ONK-15 is a kind of BOPA, made of PA6 as the main raw material and added special additives through the method of simultaneous biaxially oriented strength.

Product Advantages

- Good Tensile Strength, Puncture Resistance
- Good flatness and cleanness
- Excellent Printing Performance and Equilibrium
- Good Oxygen Barrier Performance
- Good Transparency and Glossiness

Application

Suitable for PVDC Coatin(K-BOPA)

Specification

ITEM		UNIT	TESTING STANDARD	TYPICAL VALUE
Thickness		μm		15
Average Thickness Deviation		%	GB/T 6672-2001	±2.0
Tensile Strength	MD	MPa	GB/T 1040.3-2006	200
	TD			210
Elongation	MD	%	GB/T 1040.3-2006	80~110
	TD			80~110
Heat Shrinkage	MD	%	GB/T 12027-2004 (160°C, 5min)	≤1.5
	TD			≤0.5
Hot Water Shrinkage	MD	%	(100°C, 5min)	≤2.0
	TD			≤1.5
Haze	%	—	GB/T 2410-2008	3.5
Coefficient of Friction		—	GB 10006-1988	0.40/0.35
Tensile(one-side corona treatment)		mN/m	GB/T 14216-2008	54

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Tensile(two-side corona treatment)	inner	mN/m	GB/T 14216-2008	54
	outer			52
Oxygen Transmission Rate OTR (23°C, 50%RH)		Cc/(m ² . day. pa)	GB/T 1038-2000	$\leq 5 \times 10^{-4}$

Note: Above data is the test data, not specification data.

Size

Film Roll Length (m)	12000, 18000, 24000 or customized length
Film Roll Width (mm)	700-3000
Core Size (inches)	6 inch(152.4mm)

Storage

It is suggested to store in low humidity environment, as the water absorption of the nylon film

Please control the workshop environment to avoid excessive water absorption of nylon film, and use it up as soon as possible after opening the package.