

PVDC coated BOPP film (SD-B1Px)

DESCRIPTION:

SD-B1Px grade is biaxially Oriented Polypropylene film coated with PVDC on one side, LTS coated on the other side . This film has a wide range of applications for horizontal packaging applications.

CHARACTERISTICS:

- ◆ Exceptionally wide seal range on LTS side
- ◆ Good optical properties
- ◆ Excellent humidity and grease resistance
- ◆ Outstanding moisture, oxygen and aroma barrier property

TECHNICAL DATA:

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Properties		Test	Unit	Typical Value
PHYSICAL				
Thickness		SD Test	Micron(mil)	28(1.09)
Yield		SD Test	m ² /kg(in ² /lb)	37.6(26,400)
Unit Weight		SD Test	g/m ² (lb/ream)	26.6(16.3)
OPTICAL				
Haze		ASTM D1003	%	3
Gloss(45°C) Acrylic side		ASTM D2457	%	105
MECHANICAL				
Tensile strength	MD	ASTM D882	Mpa(Kpsi)	130(18.9)
	TD			250(36.3)
Elongation at break	MD	ASTM D882	%	180
	TD			65
C.O.F. (PVDC side)		ASTM D1894	/	0.3
C.O.F. (LTS side)				0.35
THERMAL				
Heat Resistance	MD	ASTM D1204	%	2.0
	TD	120°C, 2min		1.0
Seal Strength(LTS/LTS)	ASTM F 88		N/15mm(g/in)	3.0(500)
	130°C,2.8bars,1sec			
Crimp MST(LTS/LTS)	ASTM F 88		°F (°C)	167(75)
	200g/in			
BARRIER				
WVTR-38°C,90%RH		ASTM F1249	g/m ² /24h (g/100in ² /24h)	5.5(0.35)
OTR-23°C,0%RH		ASTM D3985	cm ³ /m ² · 24h (cc/100in ² · 24h)	7.0(0.45)

Note:The stated values are typical data and are not specification of guarantee.SD Pack suggest that purchaser confirm product compatibility prior to use of this product.Stated values are believed to be accurate,but all information is presented without guarantee or responsibility on the part of SD Pack CO.,LTD.



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