



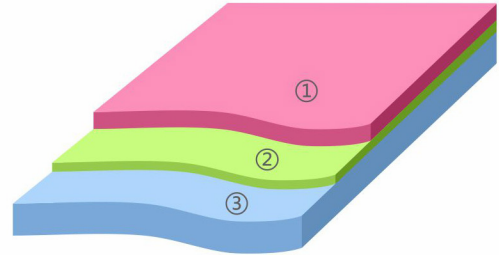
# PVDC Coated BOPP Film (SD-B1P0)

## DESCRIPTION

SD-B1P0 grade is biaxially Oriented Polypropylene film coated on one side with an aqueous dispersion of polyvinylidene designed for flexible packaging applications.

## CHARACTERISTICS

- Excellent oxygen barrier, outstanding flavor and aroma barrier.
- Excellent heat resistance, the best mechanical strength.
- Outstanding properties of printable.



- ① PVDC    ② Adhesion  
③ BOPP

## TECHNICAL DATA

Properties	Test	Unit	Typical Value			
<b>PHYSICAL</b>						
Thickness	ASTM D374	Micron(Gauge)	21(82.7)	22(86.6)	30(118.1)	
Yield	SD test	m <sup>2</sup> /kg(in <sup>2</sup> /lb)	50.76(35716)	46.95(33009)	34.72(24396)	
Unit Weight	SD test	g/m <sup>2</sup> (lb/ream)	19.7(12.31)	21.3(13.3)	28.8(18)	
<b>OPTICAL</b>						
HAZE	ASTM D1003	%	1.2	1.2	1.2	
<b>MECHANICAL</b>						
Tensile strength	MD	ASTM D882	MPA(Psi)	155(22480)	155(22480)	155(22480)
	TD	ASTM D882	MPA(Psi)	290(42059)	290(42059)	290(42059)
Elongation at break	MD	ASTM D882	MPA(Psi)	150(21755)	150(21755)	150(21755)
	TD	ASTM D882	MPA(Psi)	50(7252)	50(7252)	50(7252)
Coefficient of friction	ASTM D1894	static/kinetic	0.4/0.35	0.4/0.35	0.4/0.35	
<b>THERMAL</b>						
Shrinkage	MD	ASTM D1204	%	1.5	1.5	1.5
	TD	ASTM D1204	%	1	1	1
<b>SURFACE</b>						
Seal Strength	135°C,0.5S,0.25MPa	N/15mm(g/in)	1.0(173)	1.0(173)	1.0(173)	
Surface tension	ASTM D2578	dyne/cm	> 42	> 42	> 42	
<b>BARRIER</b>						
WVTR	ASTM E398	g/m <sup>2</sup> /24h (g/100in <sup>2</sup> /24h)	4.5(0.29)	4.5(0.29)	4.5(0.29)	
OTR	ASTM D3985	cm <sup>3</sup> /m <sup>2</sup> ·24h (cc/100in <sup>2</sup> ·24h)	7.0(0.45)	7.0(0.45)	7.0(0.45)	

\* Values for reference data only contact SD Pack CO.,LTD for actual gauges available

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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