



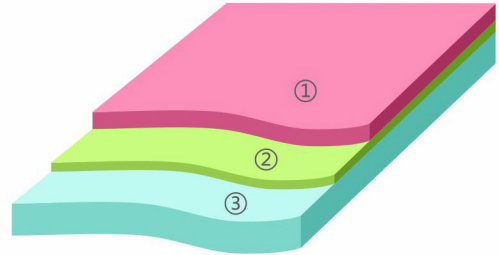
PVDC Coated BOPA Film (SD-B1N0)

DESCRIPTION

SD-B1N0 grade is biaxially oriented polyamide 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 BOPA

TECHNICAL DATA

Properties		Test	Unit	Typical Value			
PHYSICAL							
Thickness		ASTM D374	Micron(Gauge)	27(106.3)	17(66.9)	14 (55.1)	12 (47.2)
Yield		SD test	m ² /kg(in ² /lb)	31.20(21936)	48.54(34127)	58.48(41111)	67.56(47499)
Unit Weight		SD test	g/m ² (lb/ream)	32.05(20.03)	20.6(12.88)	17.1(10.69)	14.8(9.25)
OPTICAL							
HAZE		ASTM D1003	%	3.4	3.4	3.4	3.4
MECHANICAL							
Tensile strength	MD	ASTM D882	MPA(Psi)	170(2465)	170(2465)	170(2465)	170(2465)
	TD	ASTM D882	MPA(Psi)	180(26106)	180(26106)	180(26106)	180(26106)
Elongation at break	MD	ASTM D882	MPA(Psi)	100(14503)	100(14503)	100(14503)	100(14503)
	TD	ASTM D882	MPA(Psi)	80(11603)	80(11603)	80(11603)	80(11603)
Coefficient of friction		ASTM D1894	static/kinetic	0.4/0.35	0.4/0.35	0.4/0.35	0.4/0.35
THERMAL							
Shrinkage	MD	ASTM D1204	%	1.5	1.5	1.5	1.5
	TD	ASTM D1204	%	1.5	1.5	1.5	1.5
SURFACE							
Seal Strength		135°C,0.5S,0.25MPa	g/15mm(g/in)	2.0(346)	2.0(346)	2.0(346)	2.0(346)
Surface tension		ASTM D2578	dyne/cm	>42	> 42	> 42	> 42
BARRIER							
WVTR		ASTM E398	g/m ² /24h (g/100in ² /24h)	9.0(0.58)	9.0(0.58)	9.0(0.58)	9.0(0.58)
OTR		ASTM D3985	cm ³ /m ² · 24h (cc/100in ² ·24h)	6.8(0.44)	6.8(0.44)	6.8(0.44)	6.8(0.44)

* 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.

Head Office: No.5 Lane 38, Hexiang Rd., Baihe Town, Qingpu Dist., Shanghai, PRC Tel:+86 21 51601858

Fax: +86 21 51567115 Web site: [http:// www.sdianpack.com](http://www.sdianpack.com) E-mail: sales@sdianpack.com