

PVA Coated BOPA Film (SD-B4N0)

DESCRIPTION:

SD-B4N0 grade is biaxially oriented polyamide film coated on one side with PVOH to enhance the oxygen and aroma barrier properties, designed for flexible packaging applications.

CHARACTERISTICS:

- ◆ Excellent oxygen barrier, outstanding flavor and aroma barrier
- ◆ Environmental friendly, degradation naturally
- ◆ Outstanding properties of printable
- ◆ Outstanding optical performance

TECHNICAL DATA:

Properties		Test	Unit	Typical Value	
PHYSICAL					
Thickness		SD Test	Micron(mil)	11(0.43)	16(0.63)
Yield		SD Test	m ² /kg(in ² /lb)	78.7(55331)	54.3(38176)
Unit Weight		SD Test	g/m ² (lb/ream)	12.7(7.8)	18.4(11.3)
OPTICAL					
Haze		ASTM D1003	%	2.4	2.4
MECHANICAL					
Tensile strength	MD	ASTM D882	Mpa(Kpsi)	170(24.65)	170(24.65)
	TD			180(26.11)	180(26.11)
Elongation at break	MD	ASTM D882	%	100	100
	TD			80	80
C.O.F. (PVA/PVA)		ASTM D1894	/	0.4	0.4
THERMAL					
Heat Resistance	MD	ASTM D1204	%	1.5	1.5
	TD			1.5	1.5
SURFACE					
Surface tension (PVA side)		ASTM D2578	Dynes/cm	42	42
BARRIER					
WVTR-38℃,90%RH		ASTM F1249	g/m ² /24h (g/100in ² /24h)	6.0(0.39)	6.0(0.39)
OTR-23℃,0%RH		ASTM D3985	cm ³ /m ² · 24h (cc/100in ² · 24h)	1.0(0.06)	1.0(0.06)

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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