

PVDC Coated BOPP Film on both sides (SD-B1P1)

DESCRIPTION:

SD-B1P1 grade is biaxially Oriented Polypropylene film coated on both sides 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

TECHNICAL DATA:

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Properties	Test	Unit	Typical Value		
PHYSICAL					
Thickness	SD Test	Micron(mil)	21(82.7)	31(122)	33(129.9)
Yield	SD Test	m ² /kg(in ² /lb)	46.55(33965)	33(23201)	30.86(21697)
Unit Weight	SD Test	g/m ² (lb/ream)	21.48(13.18)	30.3(18.59)	32.4(19.88)
OPTICAL					
Haze	ASTM D 1003	%	1.3	1.4	1.5
MECHANICAL					
Tensile strength	MD	ASTM D882	Mpa(Kpsi)	155(22.48)	155(22.48)
	TD		Mpa(Kpsi)	290(42.06)	290(42.06)
Elongation at break	MD	ASTM D882	%	150	150
	TD		%	50	50
Coefficient of friction	ASTM D1894	inside/outside	0.35	0.35	0.35
THERMAL					
Heat Resistance	MD	ASTM D1204	%	1.5	1.5
	TD			1.0	1.0
Seal Strength	ASTM F 88		N/15mm(g/in)	1.0(173)	1.0(173)
	135℃,0.25MPa,0.5sec				
SURFACE					
Surface tension	ASTM D2578	dyne/cm	42	42	42
BARRIER					
WVTR-38℃,90%RH	ASTM F1249	g/m ² /24h (g/100in2/24h)	4.5(0.29)	4.5(0.29)	4.5(0.29)
OTR-23℃,0%RH	ASTM D3985	cm ³ /m2 · 24h (cc/100in2 · 24h)	7.0(0.45)	7.0(0.45)	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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