

PVDC Coated BOPA Film on one side (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

TECHNICAL DATA:

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Properties	Test	Unit	Typical Value	
PHYSICAL				
Thickness	SD Test	Micron(mil)	17(0.67)	
Yield	SD Test	m ² /kg(in ² /lb)	48.54(34127)	
Unit Weight	SD Test	g/m ² (lb/ream)	20.6(12.64)	
OPTICAL				
Haze	ASTM D1003	%	3.4	
MECHANICAL				
Tensile strength	MD	ASTM D882	Mpa(Kpsi)	170(24.65)
	TD			180(26.11)
Elongation at break	MD	ASTM D882	%	100
	TD			80
C.O.F. (PVDC/PVDC)	ASTM D1894	/	0.4	
THERMAL				
Heat Resistance	MD	ASTM D1204	%	1.5
	TD			1.5
Seal Strength	ASTM F 88		N/15mm(g/in)	2.0(346)
	135℃,0.25MPa,0.5sec			
SURFACE				
Surface tension (PVDC side)	ASTM D2578	Dynes/cm	42	
BARRIER				
WVTR-38℃,90%RH	ASTM F1249	g/m ² /24h (g/100in ² /24h)	8.0(0.52)	
OTR-23℃,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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