

PVDC Coated BOPP Film Heat Sealable (SD-B1HP0)

DESCRIPTION:

SD-B1HP0 grade is heat sealable 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 property of printable
- ◆ Good property of Heat Sealable

TECHNICAL DATA:

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Properties		Test	Unit	Typical Value	
PHYSICAL					
Thickness		SD Test	Micron(mil)	21(0.83)	32(1.26)
Yield		SD Test	m ² /kg(in ² /lb)	49.02(34464)	33.00(23201)
Unit Weight		SD Test	g/m ² (lb/ream)	20.4(12.52)	30.3(18.59)
OPTICAL					
Haze		ASTM D1003	%	1.2	1.2
MECHANICAL					
Tensile strength	MD	ASTM D882	Mpa(Kpsi)	135(19.58)	135(19.58)
	TD			230(33.36)	230(33.36)
Elongation at break	MD	ASTM D882	%	110	110
	TD			52	52
C.O.F. (PVDC/PVDC)		ASTM D1894	/	0.4	0.4
THERMAL					
Heat Resistance	MD	ASTM D1204	%	1.5	2.4
	TD	120℃, 2min		1.0	1.4
Seal Strength-Seal side	130℃,0.25MPa,0.5sec		N/15mm(g/in)	3.0(518)	3.0(518)
Seal Strength-PVDC side	135℃,0.25MPa,0.5sec			1.5(173)	1.5(173)
SURFACE					
Surface tension (PVDC side)		ASTM D2578	Dynes/cm	42	42
BARRIER					
WVTR-38℃,90%RH		ASTM F1249	g/m ² /24h (g/100in ² /24h)	4.5(0.29)	4.5(0.29)
OTR-23℃,0%RH		ASTM D3985	cm ³ /m ² · 24h (cc/100in ² · 24h)	9.0(0.58)	9.0(0.58)

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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