PVOH Coated BOPP Film on one side (SD-B4P0)

TECHNICAL DATA SHEET

DESCRIPTION:

SD-B4P0 grade is biaxially Oriented Polypropylene film coated on one side with PVOH to enhance the oxygen and aroma barrier 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)	19(0.75)	29(1.14)
Yield		SD Test	$m^2/kg(in^2/lb)$	56.56(39765)	37.34(26526)
Unit Weight		SD Test	g/m^2(lb/ream)	17.68(10.85)	26.78(16.43)
OPTICAL					
Haze		ASTM D1003	%	1.1	1.1
MECHANICAL					
Tensile strength	MD	ASTM D882	Mpa(Kpsi)	155(22.5)	155(22.5)
	TD			290(42.1)	290(42.1)
Elongation at break	MD	ASTM D882	%	150	150
	TD			50	50
C.O.F. (PVOH/PVOH)		ASTM D1894	/	0.4	0.4
THERMAL					
Heat Resistance	MD	ASTM D1204	%	2.0	2.0
	TD			1.0	1.0
SURFACE					
Surface tension-PVOH side		ASTM D2578	Dynes/cm	42	42
BARRIER					
WVTR-38℃,90%RH		ASTM F1249	$g/m^2/24h$ ($g/100in^2/24h$)	5.5(0.35)	5.5(0.35)
OTR-23℃,0%RH		ASTM D3985	$cm^3/m^2 \cdot 24h$ ($cc/100in^2 \cdot 24h$)	1.2(0.08)	1.2(0.08)

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 responsbility on the part of SD Pack CO.,LTD.

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