PVOH Coated BOPET Film (SD-B4T0)

TECHNICAL DATA SHEET

DESCRIPTION:

SD-B4T0 grade is biaxially Oriented Polyester 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)	12(0.47)	13(0.51)
Yield		SD Test	m^2/kg(in2/lb)	66.23(46564)	60.6(42606)	55.87(39280)
Unit Weight		SD Test	g/m^2(lb/ream)	15.1(9.26)	16.5(10.12)	17.9(10.98)
OPTICAL						
Haze		ASTM D 1003	%	2.4	2.4	2.4
MECHANICAL						
Tensile strength	MD	ASTM D882	Mpa	195	195	195
	TD		Mpa	185	185	185
Elongation at break	MD	ASTM D882	%	90	90	90
	TD		%	100	100	100
C.O.F.(PVOH/PVOH)		ASTM D1894	/	0.4	0.4	0.4
THERMAL						
Heat Resistance	MD	ASTM D1204	%	0.5	0.5	0.5
	TD			0	0	0
SURFACE						
Surface tension (PVOH side)		ASTM D2578	dyne/cm	42	42	42
BARRIER						
WVTR-38℃,90%RH		ASTM F1249	g/m^2/24h (g/100in2/24h)	6.0(0.39)	6.0(0.39)	6.0(0.39)
OTR-23℃,0%RH		ASTM D3985	cm^3/m2 · 24h (cc/100in2 · 24h)	1.1(0.07)	1.1(0.07)	1.1(0.07)

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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