

Acrylic Coated BOPET Film on one side (SD-B2T0)

DESCRIPTION:

SD-B2T0 grade is biaxially Oriented Polyester film coated on one side with an aqueous dispersion of acrylic designed for flexible packaging applications.

CHARACTERISTICS:

- ◆ Low temperature heat sealable, outstanding optical performance
- ◆ Ideal for water based ink printing
- ◆ Good aroma protection

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(in ² /lb)	67.10(47176)	61.35(43133)	56.50(39723)
Unit Weight		SD Test	g/m ² (lb/ream)	14.9(9.14)	16.3(10.0)	17.7(10.86)
OPTICAL						
Haze		ASTM D1003	%	3.5	3.5	3.5
Gloss(45℃) Acrylic side		ASTM D2457	%	90	90	90
MECHANICAL						
Tensile strength	MD	ASTM D882	Mpa(Kpsi)	195(28.28)	195(28.28)	195(28.28)
	TD		Mpa(Kpsi)	185(26.83)	185(26.83)	185(26.83)
Elongation at break	MD	ASTM D882	%	90	90	90
	TD		%	100	100	100
C.O.F. (Acrylic/Acrylic)		ASTM D1894	/	0.35	0.35	0.35
THERMAL						
Heat Resistance	MD	ASTM D1204	%	0.5	0.5	0.5
	TD			0	0.0	0
Seal Strength	ASTM F 88 135℃,0.18Mpa,1sec		N/15mm(g/in)	3.0(518)	3.0(518)	3.0(518)
SURFACE						
Surface tension (un-coated side)		ASTM D2578	dyne/cm	38	38	38
Surface tension (Acrylic side)				42	42	42
BARRIER						
WVTR-38℃,90%RH		ASTM F1249	g/m ² /24h (g/100in2/24h)	45(2.9)	45(2.9)	45(2.9)
OTR-23℃,0%RH		ASTM D3985	cm ³ /m2 · 24h (cc/100in2 · 24h)	250(16.13)	250(16.13)	250(16.13)

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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