

PVDC and Acrylic Coated BOPP Film (SD-B1P2)

DESCRIPTION:

SD-B1P2 grade is biaxially Oriented Polypropylene film coated with acrylic on one side (printable and heat sealable) suitable for printing with glossy appearance, pvdc coated on the other side (high barrier and heat sealable) providing oxygen and aroma barrier.

CHARACTERISTICS:

- ◆ Low and stable C.O.F. on Acrylic coated side, suitable for machine running
- ◆ Superior clarity and gloss
- ◆ Outstanding moisture, oxygen and aroma barrier property
- ◆ Ideal for vertical or horizontal packaging, or lamination with PE/CPP for overwrap packaging

TECHNICAL DATA:

Properties		Test	Unit	Typical Value	
PHYSICAL					
Thickness		SD Test	Micron(mil)	25(0.98)	35(1.38)
Yield		SD Test	m ² /kg(in ² /lb)	41.44(29135)	30.04(21120)
Unit Weight		SD Test	g/m ² (lb/ream)	24.13(14.8)	33.28(20.4)
OPTICAL					
Haze		ASTM D1003	%	3.5	3.5
Gloss(45℃) Acrylic side		ASTM D2457	%	100	100
MECHANICAL					
Tensile strength	MD	ASTM D882	Mpa(Kpsi)	110(15.9)	110(15.9)
	TD			200(29)	200(29)
Elongation at break	MD	ASTM D882	%	180	180
	TD			65	65
C.O.F. (Acrylic/Acrylic)		ASTM D1894	/	0.25	0.25
THERMAL					
Heat Resistance	MD	ASTM D1204	%	2.0	2.0
	TD	120℃, 2min		1.0	1.0
SURFACE					
Seal Strength(Acrylic side)	127℃ ,0.75S,1.4Bars		N/15mm(g/in)	2.9(505)	3.1(540)
Surface tension		ASTM D2578	Dynes/cm	42	42
BARRIER					
WVTR-38℃,90%RH		ASTM F1249	g/m ² /24h (g/100in ² /24h)	4.9(0.32)	3.9(0.25)
OTR-23℃,0%RH		ASTM D3985	cm ³ /m ² · 24h (cc/100in ² · 24h)	25(1.6)	25(1.6)

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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