

PVDC Coated Cellophane on one side (SD-B1C0)

DESCRIPTION:

SD-B1C0 grade is Cellophane coated on one side with an aqueous dispersion of PolyVinylidene designed for flexible packaging applications to enhance the properties.

CHARACTERISTICS:

- ◆ Heat sealable on coated side with low heat sealing temperature, wide sealing range
- ◆ Excellent barrier to water vapour, gases and aromas
- ◆ Inherent anti-static properties
- ◆ Resistant to oils and greases
- ◆ Coated side is equally receptive to inks, adhesives and tear-tapes
- ◆ Excellent dead-fold characteristics
- ◆ Excellent gloss and transparency

TECHNICAL DATA:

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Properties	Test	Unit	Typical Value	
PHYSICAL				
Thickness	SD Test	Micron(mil)	22(0.87)	
Yield	SD Test	m ² /kg(in ² /lb)	30.3(21303)	
Unit Weight	SD Test	g/m ² (lb/ream)	33(20.25)	
OPTICAL				
Haze	ASTM D1003	%	1.6	
Gloss	ASTM D2457	%	91	
MECHANICAL				
Tensile strength	MD	ASTM D882	Mpa(Kpsi)	60(87.0)
	TD			30(43.5)
Elongation at break	MD	ASTM D882	%	20
	TD			40
THERMAL				
Sealing strength	130℃ 1.0s 0.15MPa	N/37mm	4.0	
SURFACE				
C.O.F. (coated side)	ASTM D1894	static/kinetic	0.4/0.35	
Surface tension (PVDC side)	ASTM D2578	Dynes/cm	42	
BARRIER				
WVTR-38℃,90%RH	ASTM F1249	g/m ² /24h (g/100in ² /24h)	20(1.29)	
OTR-23℃,0%RH	ASTM D3985	cm ³ /m ² · 24h (cc/100in ² · 24h)	5.0(0.32)	

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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