

PVDC Coated BOPA Film on one side (SD-B3N0)

DESCRIPTION:

SD-B3N0 grade is biaxially oriented polyamide film coated on one side with an aqueous dispersion of polyvinylidene designed for pasteurization or water boiling applications.

CHARACTERISTICS:

- ◆ Excellent oxygen barrier, outstanding flavor and aroma barrier;
- ◆ Excellent heat resistance, the best mechanical strength;
- ◆ It can be boiled in water under condition 95°C, 45 minutes;
- ◆ Outstanding properties of printable.

TECHNICAL DATA:

Properties		Test	Unit	Typical Value
PHYSICAL				
Thickness		SD Test	Micron(mil)	17(0.67)
Yield		SD Test	m ² /kg(in ² /lb)	48.54(34127)
Unit Weight		SD Test	g/m ² (lb/ream)	20.6(12.64)
OPTICAL				
Haze		ASTM D1003	%	3.4
MECHANICAL				
Tensile strength	MD	ASTM D882	Mpa(Kpsi)	170(24.65)
	TD			180(26.11)
Elongation at break	MD	ASTM D882	%	100
	TD			80
C.O.F. (PVDC/PVDC)		ASTM D1894	/	0.4
THERMAL				
Heat Resistance	MD	ASTM D1204	%	1.5
	TD			1.5
Seal Strength	ASTM F 88		N/15mm(g/in)	2.0(346)
	135℃,0.25MPa,0.5sec			
SURFACE				
Surface tension (PVDC side)		ASTM D2578	Dynes/cm	42
BARRIER				
WVTR-38℃,90%RH		ASTM F1249	g/m ² /24h (g/100in ² /24h)	8.0(0.52)
OTR-23℃,0%RH		ASTM D3985	cm ³ /m ² · 24h (cc/100in ² · 24h)	8.0(0.52)

Note: The stated values are typical data and are not specification of guarantee. SD Pack suggests 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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