



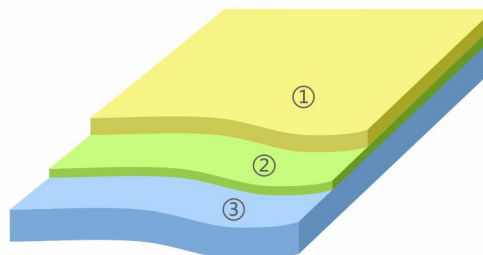
# Acrylic Coated BOPP Film (SD-B2P0)

## DESCRIPTION

SD-B2P2 grade is biaxially Oriented Polypropylene 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 printing.
- Good aroma protection.



- ① Acrylic ② Adhesion  
③ BOPP

## TECHNICAL DATA

| Properties              |                    | Test       | Unit                                                                   | Typical Value |              |
|-------------------------|--------------------|------------|------------------------------------------------------------------------|---------------|--------------|
| PHYSICAL                |                    |            |                                                                        |               |              |
| Thickness               |                    | ASTM D374  | Micron(Gauge)                                                          | 19(74.8)      | 29(114.2)    |
| Yield                   |                    | SD test    | m <sup>2</sup> /kg(in <sup>2</sup> /lb)                                | 57.21(40220)  | 37.62(26450) |
| Unit Weight             |                    | SD test    | g/m <sup>2</sup> (lb/ream)                                             | 17.48(10.92)  | 26.58(16.61) |
| OPTICAL                 |                    |            |                                                                        |               |              |
| HAZE                    |                    | ASTM D1003 | %                                                                      | 2.5           | 2.5          |
| MECHANICAL              |                    |            |                                                                        |               |              |
| Tensile strength        | MD                 | ASTM D882  | MPA(PSI)                                                               | 162(23495)    | 166(24075)   |
|                         | TD                 | ASTM D882  | MPA(PSI)                                                               | 310(44960)    | 320(46410)   |
| Elongation at break     | MD                 | ASTM D882  | MPA(PSI)                                                               | 178(25816)    | 185(26831)   |
|                         | TD                 | ASTM D882  | MPA(PSI)                                                               | 45(6526)      | 53(7687)     |
| Coefficient of friction |                    | ASTM D1894 | AC/AC                                                                  | 0.35          | 0.35         |
| THERMAL                 |                    |            |                                                                        |               |              |
| Shrinkage               | MD                 | ASTM D1204 | %                                                                      | 1.5           | 1.5          |
|                         | TD                 | ASTM D1204 | %                                                                      | 1             | 1            |
| SURFACE                 |                    |            |                                                                        |               |              |
| Seal Strenth            | 125°C,0.5S,0.25MPa |            | N/15mm(g/in)                                                           | 2.3(397)      | 2.3(397)     |
| Surface tension         | ASTM D2578         |            | dyne/cm                                                                | > 38          | > 38         |
| BARRIER                 |                    |            |                                                                        |               |              |
| WVTR                    |                    | ASTM E398  | g/m <sup>2</sup> /24h<br>(g/100in <sup>2</sup> /24h)                   | 5.6(0.36)     | 5.4(0.35)    |
| OTR                     |                    | ASTM D3985 | cm <sup>3</sup> /m <sup>2</sup> · 24h<br>(cc/100in <sup>2</sup> · 24h) | 1540(99.35)   | 1450(93.55)  |

\* Values for reference data only contact SD Pack CO.,LTD for actual gauges available

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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