

## PVDC Coated MATT BOPET Film (SD-B1MT0)

### DESCRIPTION:

SD-B1MT0 grade is biaxially oriented polyester MATT film coated on one side with an aqueous dispersion of polyvinylidene designed for flexible packaging applications.

### CHARACTERISTICS:

- ◆ Excellent oxygen barrier, outstanding flavor and aroma barrier
- ◆ Excellent heat resistance, the best mechanical strength
- ◆ Outstanding properties of printable
- ◆ Matte performance

### TECHNICAL DATA:

TECHNICAL DATA

| Properties                  | Test                             | Unit                                                                   | Typical Value |            |
|-----------------------------|----------------------------------|------------------------------------------------------------------------|---------------|------------|
| PHYSICAL                    |                                  |                                                                        |               |            |
| Thickness                   | SD Test                          | Micron(mil)                                                            | 14(0.55)      |            |
| Yield                       | SD Test                          | m <sup>2</sup> /kg(in <sup>2</sup> /lb)                                | 54.64(38416)  |            |
| Unit Weight                 | SD Test                          | g/m <sup>2</sup> (lb/ream)                                             | 18.3(11.23)   |            |
| OPTICAL                     |                                  |                                                                        |               |            |
| Haze                        | ASTM D1003                       | %                                                                      | /             |            |
| MECHANICAL                  |                                  |                                                                        |               |            |
| Tensile strength            | MD                               | ASTM D882                                                              | Mpa(Kpsi)     | 153(22.19) |
|                             | TD                               |                                                                        |               | 146(21.18) |
| Elongation at break         | MD                               | ASTM D882                                                              | %             | 90         |
|                             | TD                               |                                                                        |               | 54         |
| C.O.F. (PVDC/PVDC)          | ASTM D1894                       | /                                                                      | 0.35          |            |
| THERMAL                     |                                  |                                                                        |               |            |
| Heat Resistance             | MD                               | ASTM D1204                                                             | %             | 1.23       |
|                             | TD                               |                                                                        |               | 0.8        |
| Seal Strength               | ASTM F 88<br>135℃,0.25MPa,0.5sec |                                                                        | N/15mm(g/in)  | 1.35(233)  |
| SURFACE                     |                                  |                                                                        |               |            |
| Surface tension (PVDC side) | ASTM D2578                       | Dynes/cm                                                               | 42            |            |
| BARRIER                     |                                  |                                                                        |               |            |
| WVTR-38℃,90%RH              | ASTM F1249                       | g/m <sup>2</sup> /24h<br>(g/100in <sup>2</sup> /24h)                   | 12.4(0.80)    |            |
| OTR-23℃,0%RH                | ASTM D3985                       | cm <sup>3</sup> /m <sup>2</sup> · 24h<br>(cc/100in <sup>2</sup> · 24h) | 8.5(0.55)     |            |

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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