

## Backlit

| PROPERTIES               | TEST STANDARD                   | STANDARD            | RESULT          | PASS |
|--------------------------|---------------------------------|---------------------|-----------------|------|
| Finished Material Weight | ASTM D-3776                     | 190g/sq.m(±5g)      | 185g/sq.m       | ✓    |
| Width                    | ASTM D 751-2006                 | 320cm (±1cm)        | 320cm           | ✓    |
| Thickness                | ASTM D-1777                     | 0.28mm<br>(±0.05mm) | 0.24mm          | ✓    |
| Stretch                  | ASTM D 2594<br>(4.54kgf/101lbf) | 1.6 % (±1%)         | Length: 2.4 %   | ✓    |
|                          |                                 | 2.2 % (±1%)         | Width: 2.4 %    | ✓    |
| Elongation at break      | ISO 13934.1-2013                | > 30 %              | Length: 47 %    | ✓    |
|                          |                                 | > 30 %              | Width: 41 %     | ✓    |
| Breaking strength        | ISO 13934.1-2013                | > 400 N             | Length: 1272 N  | ✓    |
|                          |                                 | > 400 N             | Width: 908 N    | ✓    |
| Tearing strength         | ISO 13937.2-2000                | > 10 N              | Length: 21 N    | ✓    |
|                          |                                 | > 10 N              | Width: 14 N     | ✓    |
| Bursting Strength        | ASTM<br>D3787-2007(2011)        | > 1000 N            | 1319 N          | ✓    |
| Yellowing                | ISO 13655-2009                  | $\Delta E < 3$      | $\Delta E$ 2.00 | ✓    |
| Light Shading            | FZ/T62025-2015                  | 50 % (±5%)          | 54 %            | ✓    |
| Shrinkage                | 205°C 0.65m/min<br>30CM*30CM    | < 3 %               | Length: = 2.3 % | ✓    |
|                          |                                 | < 3 %               | Width: = 2.4 %  | ✓    |
| Transfer Temperature     | 195°C-205°C,<br>0.65-2min       | /                   | /               | /    |

## Ink Printability

Dye-Sublimation - Transfer , Direct