

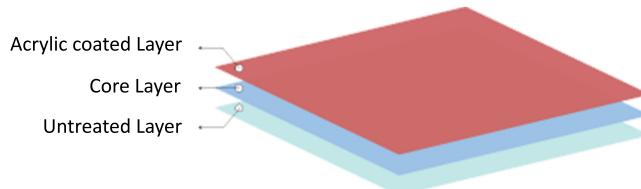


TECHNICAL DATA SHEET

BOPET FILM
Transparent Acrylic Coated
APB-AC1

Key Features

- Excellent Mechanical and Thermal properties
- Good Clarity and Transparency
- Good Dimensional Stability
- Excellent adhesion to ink & lacquer



Is a transparent co-extruded BOPET film, with one side Acrylic based coating and other side untreated

Application

Recommended for Surface Printing
Suitable for improved ink adhesion for high quality printing & lamination application

| PROPERTIES | | TEST METHOD (ASTM) | UNIT | TYPICAL VALUE |
|--|---------|--------------------|------------------------------|---------------|
| THICKNESS | | Internal | Micron | 12 |
| DEVIATION OF AVG. FILM THICKNESS | | | % | ± 1.5 |
| FILM DENSITY | | D-1505 | gm/cc | 1.4 |
| GRAMMAGE | | Internal | gm/m ² | 16.8 |
| YIELD | | Internal | m ² /kg | 59.52 |
| TREATMENT LEVEL | COATED | D-2578 | dyne/cm | 42 |
| COEFF OF FRICTION | DYNAMIC | D-1894 | - | ≤ 0.4 |
| HAZE | | D-1003 | % | 2.2 |
| GLOSS (NOVA GLOSS) | | D-1003 | % | 110 |
| TENSILE STRENGTH AT BREAK | MD* | D-882 | Kg/cm ² | 2,100 |
| | TD* | | | 2,300 |
| | MD* | | (Psi) | 29,870 |
| | TD* | | | 32,710 |
| ELONGATION AT BREAK | MD* | D-882 | % | 150 |
| | TD* | | | 95 |
| HEAT SHRINKAGE (AT 150°C AND 30MIN) | MD* | D-1204 | % | ≤ 2.0 |
| | TD* | | | ≤ 1 |
| W.V.T.R (38°C & 90% RH) | | F-1249 | gm/m ² /day | 45 |
| | | | (gm/100in ² /day) | 2.9 |
| O.T.R (23°C & 0% RH) | | D-3985 | cc/m ² /day | 110 |
| | | | (cc/100in ² /day) | 7.0 |

*MD = Machine Direction *TD = Transverse Direction

Reel Packing Format

| Core Size | Outer Reel Dia |
|-------------|----------------|
| 3" (76 mm) | < 550 mm |
| 6" (152 mm) | < 650 mm |

| Min Reel Size | Max Reel Size |
|---------------|---------------|
| 400 mm | 2200 mm |

Storage

It is recommended to store the film below 30°C in order to avoid deterioration of film properties. It is advisable to use the material on FIFO basis.

Food Contact

Complies with FDA and EC regulations. MSDS are available on request.

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