**F-ATT**

**MODIFIED PRIMER COATED FILM**

F-ATT is a transparent BOPET film. The film is one side Modified Primer Coated and the other side Corona Treated.

### DISCUSSION PURPOSES:

- Very good transparency and clarity
- Modified Primer coating provides excellent adhesion with inks & adhesives
- Corona treatment improves bonding
- Excellent machinability & handling properties
- High mechanical properties

### STORAGE & HANDLING:

FLEXPET™ needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, FLEXPET™ is suitable for use within 270 days from the date of shipment.

### APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, fill & seal structures

### KEY FEATURES:

- **TYPICAL VALUES**

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>TEST METHOD</th>
<th>UNIT</th>
<th>TYPICAL VALUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>Internal</td>
<td>Micron</td>
<td>9 10 12 23 30 31 36</td>
</tr>
<tr>
<td>YIELD</td>
<td>Internal</td>
<td>(Gauge)</td>
<td>36 40 48 92 120 124 144</td>
</tr>
<tr>
<td>Surface Tension (min)</td>
<td>ASTM D-2578</td>
<td>dyne/cm</td>
<td>79.36 71.42 59.52 31.05 23.80 23.04 19.84</td>
</tr>
<tr>
<td>Cof (max)</td>
<td>ASTM D-1894</td>
<td>-</td>
<td>52 52</td>
</tr>
<tr>
<td>Haze (max)</td>
<td>ASTM D-1003</td>
<td>%</td>
<td>0.55 0.55 0.50 0.50 0.45 0.45 0.45</td>
</tr>
<tr>
<td>Tensile Strength at Break (min)</td>
<td>ASTM D-882</td>
<td>kg/cm²</td>
<td>1900 1900 1900 1900 1900 1900 1750</td>
</tr>
<tr>
<td>Elongation at Break (min)</td>
<td>ASTM D-882</td>
<td>%</td>
<td>27000 27000 27000 27000 27000 27000 27000 25000</td>
</tr>
<tr>
<td>Linear Shrinkage (max)</td>
<td>ASTM D-1204</td>
<td>%</td>
<td>90 100 105 115 120 120 120 120</td>
</tr>
<tr>
<td>MVTR (38°C &amp; 90% RH)</td>
<td>ASTM F-1249</td>
<td>g/m²/day</td>
<td>50 50 45 45 45 45 45 45</td>
</tr>
<tr>
<td>OTR (23°C &amp; 0% RH)</td>
<td>ASTM D-3985</td>
<td>cc/m²/day</td>
<td>10.1 10.1 8.5 8.5 8.5 8.5 8.5 8.5</td>
</tr>
</tbody>
</table>

### DISCLAIMER:

FlexFilms reserves the right to change the technical data sheet at any time without prior notice.

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FLEXPET™ complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

FLEXPET™ is suitable for use within 270 days from the date of shipment.

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Flex provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Flex reserves the right to change the technical data sheet at any time without prior notice.

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** TDS issued on 01-04-2020. All previous version of this grade are invalid. 