**B-TAP**
Non Sealable BOPP Film For Tape & Textile

B-TAP is a non heat sealable film with one side flame treatment for adhesive/hot melt tape & textile bag applications.

**APPLICATIONS:**
- Pressure sensitive adhesive tape
- Flower wrap
- Textile & cosmetic bags

**THE BIG DIFFERENTIATORS**
- Flame Treatment
  - Attributes, no back treatment subsequently no adhesive/mass transfer.
- Good MD Strength & Elongation
  - High performance on automatic tape dispenser m/c.
- Good Adhesive & Hot Melt Bond
  - Flame treatment enable good adhesive peel strength.
- Good Clarity
  - High quality images.
- Good Film Flatness
  - Uniform adhesive coating.

**KEY FEATURES:**
- Good flatness
- Excellent optics
- No back treatment
- Good mechanical properties

**FILM STRUCTURE**
- Flame Treated Layer
- Inter Layer
- OPP Core Layer
- Inter Layer
- Untreated Non HS Layer
<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>TEST METHOD (ASTM)</th>
<th>UNIT</th>
<th>TYPICAL VALUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>THICKNESS</td>
<td></td>
<td>Micron</td>
<td>23 24 25 29</td>
</tr>
<tr>
<td>FILM DENSITY</td>
<td>D-1505</td>
<td>(Gauge)</td>
<td>92 96 100 116</td>
</tr>
<tr>
<td>GRAMMAGE</td>
<td>Internal</td>
<td>gm/m²</td>
<td>20.9 21.8 22.7 26.4</td>
</tr>
<tr>
<td>YIELD</td>
<td>Internal</td>
<td>m²/kg</td>
<td>47.8 45.9 44.0 37.9</td>
</tr>
<tr>
<td>TREATMENT LEVEL</td>
<td>D-2578</td>
<td>dyn/cm</td>
<td>38</td>
</tr>
<tr>
<td>COEFF OF FRICTION (UTR/UTR)</td>
<td>Dynamic</td>
<td>D-1894</td>
<td>-</td>
</tr>
<tr>
<td>HAZE</td>
<td>D-1003</td>
<td>%</td>
<td>1.6 1.6 1.6 1.8</td>
</tr>
<tr>
<td>GLOSS (at 45°)</td>
<td>D-2657</td>
<td>Unit</td>
<td>96 96 96 95</td>
</tr>
<tr>
<td>TENSILE STRENGTH AT BREAK</td>
<td></td>
<td>D-882</td>
<td>1250 2500 17.8 35.5</td>
</tr>
<tr>
<td>ELONGATION AT BREAK</td>
<td></td>
<td>%</td>
<td>160 50 6.0 3.0</td>
</tr>
<tr>
<td>LINEAR SHRINKAGE (max) (5 Minutes at 130°C)</td>
<td></td>
<td>%</td>
<td>6.3 6.2 6.0 5.8</td>
</tr>
<tr>
<td>WATER VAPOUR TRANSMISSION RATE (38°C &amp; 90% RH)</td>
<td>F-1249</td>
<td>gm/m²/day</td>
<td>0.41 0.4 0.39 0.37</td>
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<tr>
<td>OXYGEN TRANSMISSION RATE (23°C &amp; 0% RH)</td>
<td>D-3985</td>
<td>cc/m²/day</td>
<td>1800 1800 1700 1600</td>
</tr>
</tbody>
</table>

Ref no QAD UFLI S/14 – B 21/3

*MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION

**STORAGE & HANDLING**

FLEXOPPTM does not require special storage conditions. It is recommended to storage below 30°C in order to avoid any deterioration of the film surface properties. It is advisable to use the material on FIFO basis. The film should be kept at operating environment for 24 hours before processing. FLEXOPPTM is best suitable for use within 6 months from date of dispatch.

**FOOD CONTACT**

FLEXOPPTM complies with EC and FDA regulations. Specific document and MSDS are available on request.

**DISCLAIMER**

It is the responsibility of our customers 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.

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