PYLEN Film-OT is the biaxially stretched film whose main material is the polypropylene. Thanks to the superior features such as transparency, dampproofness, tearing resistance, and cold tolerance, it is used in wide ranges including food packaging as a general purpose plastic film.

P2161 is an antistatic type, and its involute surface is applied corona treatment, so it is possible to use for general lamination.

**General packaging**

**General physical property of PYLEN Film-OT P2161 type**

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>P2161</th>
<th>Measuring method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>μm</td>
<td>20</td>
<td>25</td>
</tr>
<tr>
<td>Haze</td>
<td>%</td>
<td>1.2</td>
<td>1.2</td>
</tr>
<tr>
<td>Surface resistivity</td>
<td>Involute</td>
<td>logΩ</td>
<td>11.5</td>
</tr>
<tr>
<td>Tensile breaking strength</td>
<td>Length</td>
<td>Mpa</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>Width</td>
<td></td>
<td>350</td>
</tr>
<tr>
<td>Tensile breaking elongation</td>
<td>Length</td>
<td>%</td>
<td>190</td>
</tr>
<tr>
<td></td>
<td>Width</td>
<td></td>
<td>45</td>
</tr>
<tr>
<td>F-5 (Stress of 5% deformation)</td>
<td>Length</td>
<td>Mpa</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>Width</td>
<td></td>
<td>96</td>
</tr>
<tr>
<td>Tensile elasticity</td>
<td>Length</td>
<td>Mpa</td>
<td>2200</td>
</tr>
<tr>
<td></td>
<td>Width</td>
<td></td>
<td>4500</td>
</tr>
<tr>
<td>Dynamic friction coefficient</td>
<td>Involute</td>
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<td>0.25</td>
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<tr>
<td></td>
<td>Revolute</td>
<td></td>
<td>0.4</td>
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<tr>
<td>Heat shrinkage rate</td>
<td>Length</td>
<td>%</td>
<td>3.5</td>
</tr>
<tr>
<td></td>
<td>Width</td>
<td></td>
<td>1.2</td>
</tr>
</tbody>
</table>

On these data, the representative values were measured under the specialized condition (23 degrees C, 50% RH) at our company’s film feature evaluation agency.

Involute: corona processed surface

TOYOOBO CO., LTD.  Packaging Film
http://www.toyobo.co.jp/seihin/film/
2-8,Dojima hama 2-chome,Kita-ku,Osaka
530-8230,JAPAN
[TEL]+81-6-6348-4156  [FAX]+91-6-6348-4159