TYPICAL PROPERTIES OF 4BSH
POLYESTER SHRINK SLEEVE FILMS

4BSH Shrink Polyester has been validated by an independent laboratory to be compositionally identical to PET bottle resin, and inherently “Recycle Friendly”

Description:
4BSH-0180 is a high shrink/high stress polyester film that offers optical properties for printing labels as well as conforming for a seamless finish.

Characteristics of PET Shrink Film:
* Exclusive resin technology offering two side anti-static and two side print
* Excellent printability
* High gloss and low haze
* Smooth shrinking curve with stable shrinkage
* Suitable for wide variety of shapes
* Reduced "smiling" on both ends of bottles
* Seaming works well with Flexcraft 12-103AT
* Optical Brightener Additive

General Information

Applications:
Shrink Label • Bundling • Tamper Evident
Suitable for Hot Air, Steam Tunnels

Gauges:
Standard - 180ga (45µ), Other Gauges Available

<table>
<thead>
<tr>
<th>Property</th>
<th>Units</th>
<th>Typical Values</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>µm gauge</td>
<td>45</td>
<td>180</td>
</tr>
<tr>
<td>Yield</td>
<td>in²/lb</td>
<td>11,853</td>
<td></td>
</tr>
<tr>
<td>Friction COF</td>
<td>uK</td>
<td>&lt; 0.41</td>
<td>&lt; 0.35</td>
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<tr>
<td>Tensile Strength</td>
<td>psi</td>
<td>9,000</td>
<td>40,000</td>
</tr>
<tr>
<td>Heat Shrinkage(95°C)</td>
<td>%</td>
<td>&lt; 1.2</td>
<td>&gt; 77.0</td>
</tr>
<tr>
<td>Haze</td>
<td>%</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>%</td>
<td>1.32</td>
<td></td>
</tr>
</tbody>
</table>

Handling

* AVOID exposure to sunlight
* Store in dry conditions between 104°F to 50°F (40°C to 10°C)
* Additional Handling and Product Health & Safety details available on request

Thickness & Yields may vary by +/- 10%

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