CPP Film For Bread Packaging

Description
It is a co-extruded, both side heat sealable and other side treated cast polypropylene film.

Features
- Low COF for high speed packaging.
- Good optical properties
- Excellent drop impact resistance
- Improved deep Freeze Properties at -5 °C

Applications
- General purpose printing and pouching of bread.

Provisional Data Sheet

<table>
<thead>
<tr>
<th>Properties</th>
<th>Ref.</th>
<th>Units</th>
<th>ASTM # / Test Method</th>
<th>HST-1 (BR) CPP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Thickness</td>
<td></td>
<td>micron</td>
<td>D-374-C</td>
<td>25</td>
</tr>
<tr>
<td>Thickness Variation</td>
<td></td>
<td>gauge</td>
<td></td>
<td>140</td>
</tr>
<tr>
<td>Density</td>
<td></td>
<td>%</td>
<td>D-376</td>
<td>5</td>
</tr>
<tr>
<td>Surface tension (min.)</td>
<td></td>
<td>dyne/cm</td>
<td>D-2578</td>
<td>38</td>
</tr>
<tr>
<td>Kinetic COF</td>
<td>UT/UT</td>
<td></td>
<td>D-1934</td>
<td>0.10 - 0.20</td>
</tr>
<tr>
<td>Yield</td>
<td></td>
<td>m²/kg</td>
<td>D-4321</td>
<td>44.0</td>
</tr>
</tbody>
</table>

Optical Data
- Gloss (45°)
  - Gardner
  - D-2457
  - > 85
- Haze
  - %
  - D-1003
  - 3.5 - 5.0

Mechanical Data
- Tensile Strength
  - MD
    - kg/cm²
    - D-882
    - 350 - 650
  - TD
    - 180 - 290
- Elongation
  - MD
    - %
    - D-882
    - 400 - 600
  - TD
    - 500 - 600
- Dart impact Test
  - 66 cm height
  - g
  - IS 2508
  - 315

Thermal Data
- Seal Initiation Temp.
  - °C
  - CTM
  - 105
- Heat Seal Strength (min)
  - g/25mm
  - CTM
  - 1700 - 1950

Barrier Data
- MVTR (38°C, 90%RH)
  - g/m²/day
  - F-1249
  - < 12

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