Pressure Sensitive Label Facstock Film
Transparent, Top Coated (UP)

**Structure**
- Coated print receptive layer
- OPP core
- Corona treated OPP layer

**Description**
It is a co-extruded, clear, one side coated for print receptivity and other side corona treated Bi-axially Oriented Polypropylene film.

**Features**
- Excellent clarity for a "no label" look
- Excellent printability with wide range of ink systems (UV, Water based and solvent based etc.)
- Coated print surface for excellent ink adhesion and high speed press performance
- Spectacular print performance across wide variety of printing process (flexography, gravure, letterpress, offset, silkscreen and hot or cold foiling etc.)
- Corona treated surface suitable for adhesive receptivity
- High stiffness for conversion and dispensing
- Superior performance of print surface in humid condition

**Applications**
- For PSA label stock

**Typical Values**

<table>
<thead>
<tr>
<th>Properties</th>
<th>Ref.</th>
<th>Units</th>
<th>Astm # / Test Method</th>
<th>C1028 (UP)</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td><strong>Physical Data</strong></td>
<td></td>
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<td></td>
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<tr>
<td>Average Thickness</td>
<td></td>
<td>micron</td>
<td>D-374-C</td>
<td>41  46  51  55</td>
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<tr>
<td></td>
<td></td>
<td>gauge</td>
<td></td>
<td>164 181.10 200.78 216.54</td>
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<tr>
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<td></td>
<td>mils</td>
<td></td>
<td>1.6 1.81 2.00 2.16</td>
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<tr>
<td>Thickness Variation</td>
<td>% (2)</td>
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<tr>
<td>Average Subsance</td>
<td>g/m²</td>
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<td>36.8 41.22 45.75 49.37</td>
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<td>Wettability (min.)</td>
<td>dynes/cm</td>
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<td>D-2578</td>
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<tr>
<td>Yield</td>
<td>m²/Kg</td>
<td></td>
<td>D-4321</td>
<td>27.1 24.26 21.86 20.25</td>
</tr>
</tbody>
</table>

**Optical Data**
- Gloss (45°) gardner D-2457 >92
- Haze % D-1003 1.5 - 2.0

**Mechanical Data**
- Tensile Strength
  - MD kg/cm² D-882 1200-1400
  - TD 2500-2800
- Elongation
  - MD % D-882 170 - 200
  - TD 50 - 70

**Thermal Data**
- Shrinkage
  - (120 °C, 5 min.)
    - MD % D-1204 2.0 - 4.0
    - TD 0.5 - 1.0

CTM : Cosmo Test Method  MD : Machine Direction  TD : Transverse Direction

Disclaimer: The information provided above is based on COSMO FILMS LTD’s conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.

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