F-DSC-CC
BOTH SIDES COATED-CHEMICAL

F-DSC-CC is a transparent BOPET film. The film is Chemical Coated on both sides.

**KEY FEATURES:**
- High clarity
- Chemical Coated Surface provides excellent adhesion with various inks & adhesives
- Excellent machinability & handling properties
- Not suitable for hot fill, sterilization or pasteurization

**APPLICATION:**
- Converting & Metallization
- Printing & Lamination
- Form, Fill & Seal Structures

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**FILM STRUCTURE**

- Skin Layer
- Core Layer
- Skin Layer
- Chemical Coating

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**TYPICAL VALUES**

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>TEST METHOD</th>
<th>UNIT</th>
<th>TYPICAL VALUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>THICKNESS (Gauge)</td>
<td>Internal</td>
<td>Micron</td>
<td>10 12 23 36 50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Gauge)</td>
<td>40 48 92 144 200</td>
</tr>
<tr>
<td>YIELD (m² / kg)</td>
<td>Internal</td>
<td></td>
<td>71.42 59.52 31.05 19.84 14.28</td>
</tr>
<tr>
<td>SURFACE TENSION (min) (Chemical Coated Surface)</td>
<td>ASTM D-2578</td>
<td>dyne/cm</td>
<td>50318 41934 21876 13978 10060</td>
</tr>
<tr>
<td>COF (max) (One side to the other)</td>
<td>ASTM D-1894</td>
<td>-</td>
<td>0.50 0.50 0.50 0.45 0.45</td>
</tr>
<tr>
<td>HAZE (max)</td>
<td>ASTM D-1003</td>
<td>%</td>
<td>4.0 4.0 5.0 5.5 6.0</td>
</tr>
<tr>
<td>TENSILE STRENGTH AT BREAK (min)</td>
<td>ASTM D-882</td>
<td>kg/cm²</td>
<td>1900 1900 1900 1750 1750</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>27000 27000 27000 25000 25000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>28500 28500 28500 28500 28500</td>
</tr>
<tr>
<td>ELONGATION AT BREAK (min)</td>
<td>ASTM D-882</td>
<td>%</td>
<td>100 105 115 120 125</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>80 85 90 90 95</td>
</tr>
<tr>
<td>LINEAR SHRINKAGE (max) (30 Minute at 150°C)</td>
<td>ASTM D-1204</td>
<td>%</td>
<td>3.0 1.0</td>
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<tr>
<td>MVTR (38°C &amp; 90% RH) (typical)</td>
<td>ASTM F-1249</td>
<td>gm/m²/day</td>
<td>50 45 30 20 16</td>
</tr>
<tr>
<td></td>
<td></td>
<td>[gm/100 in²/day]</td>
<td>3.2 2.9 2.0 1.3 1.0</td>
</tr>
<tr>
<td>OTR (23°C &amp; 0% RH) (typical)</td>
<td>ASTM D-3985</td>
<td>cc/m²/day</td>
<td>155 130 80 70 65</td>
</tr>
<tr>
<td></td>
<td></td>
<td>[cc/100 in²/day]</td>
<td>10.1 8.5 5.2 4.5 2.9</td>
</tr>
</tbody>
</table>

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**STORAGE & HANDLING**

FLEXPET™ needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, FLEXPET™ is suitable for use within 270 days from the date of shipment.

**FOOD CONTACT**

FLEXPET™ complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

**DISCLAIMER**

It is the responsibility of our customer 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.