1. **General information:**
   - These films are made of specially-formulated polyolefin compounds using our high tech co-extrusion and embossing processes.
   - **R-5** Cut-Diamond Embossed Protective Release Film is to be used for cold calendaring process (up to 40°C/104°F), for use with inner liners, sidewalls, cheffers, gum strip applications, cord calendar, and other sticky materials.
   - **R-5** does not contain any silicon based polymers additives.
   - The product is produced from virgin resins.
   - The product is completely recyclable.

2. **Characteristics:**

2.1 **General Characteristics**

2.1.1 **Composition:**
   - Polyolefin based resin compound.
   - The film is manufactured using the mono- and co-extrusion processes.

2.1.2 **Specification:**
   - Thickness: From 2 mil up to 8 mil, as per customer requirements
   - Width: From 12 in. up to 88 in., as per customer requirements,
   - Release properties: Can be adjusted upward or downward and can be custom-designed for "high-release" or "low-release" applications, as per customer request;
   - Color: Natural, Blue, Red, Green, Orange, Yellow, White, Purple, Translucent, and Photo-opaque, as per customer request
2.2 Mechanical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone Extract, (% max.)</td>
<td></td>
<td>1.5</td>
</tr>
<tr>
<td>Copper (Cu), (ppm max.)</td>
<td></td>
<td>20</td>
</tr>
<tr>
<td>Manganese (Mn), (ppm max.)</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Tensile strength (psi)</td>
<td>D 882 (1979)</td>
<td>2611</td>
</tr>
<tr>
<td>Elongation at break (% min.)</td>
<td>D 882 (1979)</td>
<td>MD 250</td>
</tr>
<tr>
<td>Dart Impact (gr.)</td>
<td>ASTM D 1709</td>
<td>125</td>
</tr>
<tr>
<td>Temp. Resistance (°C/°F)</td>
<td></td>
<td>60.0/140.0</td>
</tr>
</tbody>
</table>

3. Packaging:

Depending upon roll width and length, rolls may be stacked either horizontally or vertically. Rolls are fastened onto a wooden pallet with steel strapping, wrapped with bubble film, covered with a transparent polyethylene cover, and wrapped with stretch film (for maximum mechanical protection).

4. Shipment/Lot Tracking:

Each pallet shipped is given a number directly corresponding to the lot code. COA’s (Certificates of Analysis) are provided with each shipment. Plasto-Sac retains samples from each lot produced.

5. Storage:

To be stored in-house, protected against direct sun radiation.