Product Application Focus
The growing demand for packaged food such as ready-to-eat meals, snacks, consumer goods, beverages and industrial packaging applications.

THE MARKET REQUIREMENT
- Good shrinking performance
- Excellent aesthetic properties
- Very good sealing performance

THE PRODUCT DESIGN
Adsy6089 is a PP terpolymer, with a melt flow rate of 5.5 g/10 min, and with anti-blocking and slip agents for double bubble process.

Key features:
- Good shrinking performance
  - Low melting point of Adsyl6089 eases the drawing process and provides better shrink capability
- Excellent aesthetic properties
  - High transparency and gloss
- Superior processing window
- Very good sealing performance
  - Good sealing integrity and strength
  - Very low sealing temperature

PROPERTIES COMPARISON OF ADSYL6089 AND MARKET REFERENCE GRADE

<table>
<thead>
<tr>
<th>Properties</th>
<th>Unit</th>
<th>Testing Method</th>
<th>Reference</th>
<th>Adsyl 6089</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melt Flow Rate</td>
<td>g/10 min</td>
<td>ASTM D1238</td>
<td>5.0</td>
<td>5.5</td>
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<tr>
<td>Flexural Modulus</td>
<td>MPa</td>
<td>ASTM D790</td>
<td>665</td>
<td>840</td>
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<tr>
<td>Deflection Temperature</td>
<td>°C</td>
<td>ASTM D648</td>
<td>74.5</td>
<td>75.4</td>
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<tr>
<td>Vicat Temperature, 10 N</td>
<td>°C</td>
<td>ASTM D1525</td>
<td>110.0</td>
<td>116.2</td>
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<tr>
<td>Haze, 50 microns monolayer film</td>
<td>%</td>
<td>ASTM D1003</td>
<td>1.0</td>
<td>2.1</td>
</tr>
<tr>
<td>Gloss, 50 microns monolayer film</td>
<td>%</td>
<td>ASTM D2457</td>
<td>140</td>
<td>125</td>
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</tbody>
</table>

ADSYL6089 – SEAL STRENGTH CURVE

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