Multiform

Outstanding forming properties enable deep draw for TFFS systems with thinner forming films

Technology

Plastopil’s Multiform films are a range of thermoforming films suitable for various forming depths and distinguished by excellent formability in deep draw applications.

Use of technologically advanced polymers enables the production of down-gauged forming films with equivalent performance of thicker conventional forming films.

These films are manufactured using a state-of-the-art co-extrusion water cooled line and symmetrical 14 layer co-extrusion.

Food Segments

• Fresh and processed meat
• Poultry
• Cheese

Applications

Optimal performance with all types of automatic thermoforming machines

Features & Properties

• Allows using up to 25% thinner films
• Enables thicker corners and less thermal memory
• High impact and puncture resistance — less leakers when packing rigid and/or sharp-edged products
• Retains strength at freezing temperatures — package integrity preserved

• Excellent gloss and clarity — premium product presentation
• Enhanced post-thermoforming shrink properties and impact strength
• Available in various barrier levels — keeps product fresher for longer
<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>THICKNESS RANGE [micron]</th>
<th>BARRIER</th>
<th>SPECIAL FEATURES</th>
</tr>
</thead>
</table>
| X-TREME          | 75-275                   | Available High or Medium Barrier (HB/MB) | • 8 layer forming web, aqua frost clear  
|                  |                          |                          | • Lock seal to PE  
|                  |                          |                          | • Excellent forming properties  
|                  |                          |                          | • Outstanding mechanical and optical properties  
|                  |                          |                          | • Suitable for pasteurization up to 95°C (203°F)  
|                  |                          |                          | • Suitable for deep freezing down to -40°C (-40°F)  |
| MULTIFORM FW     | 80-400                   | Available High or Medium Barrier (HB/MB) | • 14 layer symmetrical forming web  
|                  |                          |                          | • Superior sealing properties, lock seals to PE  
|                  |                          |                          | • Very high impact strength  
|                  |                          |                          | • Available with different percentage of polyamid content – for various applications and drawing depths  |
| COLOURED MULTIFORM FW | 80-400               | Available High or Medium Barrier (HB/MB) | • 14 layer symmetrical colored forming web  
|                  |                          |                          | • Superior sealing properties, lock seals to PE  
|                  |                          |                          | • Very high impact strength  
|                  |                          |                          | • Available in a wide range of colors and tints  
|                  |                          |                          | • Available with different percentage of polyamide content – for various applications and drawing depths  |
| MULTIFORM TC     | 75-250                   | Available High or Medium Barrier (HB/MB) | • Part of Thermo-Cook range for oven cooking  
|                  |                          |                          | • Lock seals to Thermo-Cook top web films  
|                  |                          |                          | • Self venting, no need to pierce the film  
|                  |                          |                          | • Excellent gloss and clarity  
|                  |                          |                          | • Good tear and puncture resistance  
|                  |                          |                          | • Good moisture barrier properties  
|                  |                          |                          | • Can be trapped printed  |
| MULTIFORM P      | 175-250                  | Permeable                | • Excellent forming properties  
|                  |                          |                          | • Lock seal to PE  
|                  |                          |                          | • Suitable for packaging of products demanding higher transmissions of oxygen for better shelf life  
|                  |                          |                          | • Can also be available colored / tinted  |
| MULTIFORM NCA    | 110-250                  | Medium Barrier (MB)      | • Superior forming properties  
|                  |                          |                          | • Lock seal to PE  
|                  |                          |                          | • Low gauge, high performance, cuts costs  
|                  |                          |                          | • No inherent curling  |