SureSpec HP-010
Polypropylene Homopolymer

SureSpec HP-010 is a certified prime grade Polypropylene specially designed for Extrusion of Water-Quench Cast Film for Slit Tape applications. HP-010 combines excellent processability, very good thermal stability and high degree of purity with Low Water carry-over and good balance of tape strength and orientation properties. Recommended processing temperatures of HP-010 are 1) tape-210°C to 220°C in barrel and 230-250°C in head and 2) multifilament - 210° to 230°C. HP-010 complies with FDA regulation 21CFR 177.1520 and with most international regulations concerning the use Polypropylene in contact and food articles.

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>ASTM</th>
<th>UNIT</th>
<th>NOMINAL VALUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melt Flow Rate (190 °C, 2.16kg)</td>
<td>D1238</td>
<td>g/10 min</td>
<td>1.3</td>
</tr>
<tr>
<td>Flexural Modulus - 1% Secant (Inj)</td>
<td>D790</td>
<td>psi</td>
<td>185000</td>
</tr>
<tr>
<td>Tensile Strength @ Yield</td>
<td>D638</td>
<td>psi</td>
<td>4800</td>
</tr>
<tr>
<td>Elongation @ Yield</td>
<td>D638</td>
<td>%</td>
<td>11</td>
</tr>
</tbody>
</table>

**IMPACT/HARDNESS**

| Notched Izod Impact         | D256A | ft-lb/in | 0.50  |
| Rockwell Hardness (R-Scale Inj.) | D785  |          | 101   |

Typical Value of Properties not to be construed as specifications
* Test Made on injection molded Type 1 tension test specimen according to ASTM D2146

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