LDF-420A
Low Density Polyethylene

LDF-420A is a certified prime resin specially designed to meet the requirements of most 1 to 3 mils thick blown film liner applications. Large lot size and superior lot-to-lot uniformity ensure consistent film production. Minimum recommended film thickness is 1.0 mil. LDF-420A contains no slip and no antiblock. LDF-420A complies with FDA regulation 21 CFR177.1520(c)2.2 and most international regulations concerning the use of Polyethylene in contact with food articles.

Features:

- Easy processability

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>ASTM</th>
<th>UNIT</th>
<th>VALUES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PHYSICAL</strong></td>
<td></td>
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</tr>
<tr>
<td>Density</td>
<td>D1505</td>
<td>g/cm³</td>
<td>0.920</td>
</tr>
<tr>
<td>Melt Flow Rate (190°C, 2.16kg)</td>
<td>D1238</td>
<td>g/10 min</td>
<td>4.0</td>
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<tr>
<td><strong>1.5 mil FILM</strong></td>
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<tr>
<td>Secant Modulus - 1% Secant</td>
<td>D882</td>
<td>psi</td>
<td>25400</td>
</tr>
<tr>
<td>Tensile Strength (Yield)</td>
<td>D882</td>
<td>psi</td>
<td>1450</td>
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<tr>
<td>Tensile Strength (Break)</td>
<td>D882</td>
<td>psi</td>
<td>3630</td>
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<tr>
<td>Tensile Elongation (Break)</td>
<td>D882</td>
<td>%</td>
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<td>Elmendorf Tear Strength</td>
<td>D1922</td>
<td>g</td>
<td>580</td>
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<tr>
<td>Dart Drop Impact</td>
<td>D1709A</td>
<td>g</td>
<td>85</td>
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