Formolon® 685

**Homopolymer General Purpose Grade Resin**

**F685** is especially suited for processing from powder blends due to its ability to absorb plasticizers regardless of molecular weight. This is a coarser, higher Bulk Density resin especially designed for better flow and higher production rates in extruders. In addition, this product offers:

- Excellent Electrical Properties
- Low Gel Content
- High Finished Product Physical Properties
- Low Contamination
- Excellent Heat Stability
- Lot To Lot Uniformity

**Suggested Applications:**
Flexible Extrusion, Wire and Cable, Meat Wrap and Blown Film

**Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Typical Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relative Viscosity</td>
<td>estimated</td>
<td>2.37</td>
</tr>
<tr>
<td>Inherent Viscosity</td>
<td>ASTM 5225</td>
<td>1.02</td>
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<tr>
<td>K-Value</td>
<td>estimated</td>
<td>70</td>
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<tr>
<td>Volatiles (%)</td>
<td>ASTM D-6980</td>
<td>0.20</td>
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<tr>
<td>Bulk Density (lbs/ft³)</td>
<td>ASTM D-1895</td>
<td>32</td>
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<tr>
<td>(g/cc)</td>
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<td>0.52</td>
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<td>Sieve Analysis</td>
<td>Malvern</td>
<td></td>
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<tr>
<td>% thru 40 Mesh</td>
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<td>99.9</td>
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<tr>
<td>% thru 200 Mesh</td>
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<td>3.0</td>
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<tr>
<td>Residual VCM (ppm)</td>
<td>GC Head Space Method</td>
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<tr>
<td>Contamination Count</td>
<td>OCS per 100g</td>
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<tr>
<td>Gel Count</td>
<td>GP Gel Method</td>
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Effective as of November 2015