**PREMINOL™ Polyol Grades**

PREMINOL™ polyether polyols are ultra-low unsaturated value polyols that increase the chemical and mechanical properties in Coatings, Adhesive, Sealant, and Elastomer (CASE) applications and provide added value to the final product.

**Typical Properties of PREMINOL™**

<table>
<thead>
<tr>
<th>Product</th>
<th>Functionality</th>
<th>OH Content (mg KOH/g)</th>
<th>Molecular Weight</th>
<th>Viscosity (mPa-s at 25°C)</th>
<th>EO addition</th>
<th>Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>PREMINOL™ S 1004F</td>
<td>1</td>
<td>16 - 17.6</td>
<td>3,300</td>
<td>550</td>
<td>No</td>
<td>CASE, Plasticizer, Synthetic Fluid</td>
</tr>
<tr>
<td>PREMINOL™ S 4013F</td>
<td>2</td>
<td>8.8 - 10.3</td>
<td>12,000</td>
<td>7,000</td>
<td>No</td>
<td>CASE</td>
</tr>
<tr>
<td>PREMINOL™ S 4318F</td>
<td>2</td>
<td>5.7 - 6.7</td>
<td>18,000</td>
<td>20,000</td>
<td>No</td>
<td>CASE</td>
</tr>
<tr>
<td>PREMINOL™ S 3011</td>
<td>3</td>
<td>15.8 - 17.8</td>
<td>10,000</td>
<td>3,000</td>
<td>No</td>
<td>CASE, Plasticizer</td>
</tr>
</tbody>
</table>

- Grades listed above are those marketed and sold in the US. Other grades are available upon request.
- Example of unsaturated values: PREMINOL™ S1004F (0.006(m-eq/g)); Conventional Polyol w/MW 2000 (0.38 (m-eq))

* Note: The values shown above are typical values, not guaranteed values
* AGC reserves the right to revise its product range at any time without prior notice

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