**TEROL® 563 POLYOL**

Modified Aromatic Polyester Polyol

**APPLICATION**

TEROL 563 is recommended for use in polyisocyanurate (PIR) applications, particularly flexible faced lamination where the blowing agent is HFC-245fa or pentanes. When properly formulated and processed, foam panels produced with TEROL 563 can pass the Factory Mutual 4450 Calorimeter and ASTM E-84 tunnel tests.

**STORAGE AND HANDLING**

As with all industrial chemicals, care should be exercised in the handling of this material. In the event of contact with skin or eyes, follow the instructions on our MSDS. TEROL Aromatic Polyester Polyols should be stored in tightly closed containers. Storage temperatures of 15 - 50°C are recommended for a shelf life of 6 (six) months.

**Typical Properties**

<table>
<thead>
<tr>
<th>Properties</th>
<th>Typical Value</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydroxyl No. (mg KOH / g)</td>
<td>240</td>
<td>225 - 245</td>
</tr>
<tr>
<td>Water (% by wt.)</td>
<td>0.05</td>
<td>≤ 0.15</td>
</tr>
<tr>
<td>Acid No. (mg KOH / g)</td>
<td>1.0</td>
<td>≤ 2.0</td>
</tr>
<tr>
<td>Viscosity @ 25°C (cPs)</td>
<td>3,500</td>
<td>3,000 - 4,000</td>
</tr>
<tr>
<td>Functionality</td>
<td>2.0</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity @ 25°C</td>
<td>1.242</td>
<td></td>
</tr>
</tbody>
</table>

1 Pre-consumer Recycle Material - materials diverted from waste stream in a manufacturing process as defined by International Standard ISO 14021.
2 Post-consumer Recycle Material - materials generated by households or by commercial industrial and institutional facilities in their role as end-users of the product which can no longer be used for its intended purpose as defined by International Standard ISO 14021.
3 Rapidly Renewable Materials - materials made from plants tat are typically harvested with a ten year cycle or shorter as defined by LEED for New Construction & Major Renovations, Version 2.2.
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