Technical Data

**TEROL® 305 POLYOL**

Modified Aromatic Polyester Polyol

**APPLICATION**

TEROL 305 is recommended for use in all polyurethane (PUR) and polyisocyanurate (PIR) systems. It is also useful for pour-in-place and other rigid foam systems. TEROL 305’s mid-range viscosity, increased functionality and compatibility with a wide range of blowing agents make it a very versatile aromatic polyester polyol for a wide range of applications.

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**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.

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<table>
<thead>
<tr>
<th>Property</th>
<th>Typical Properties</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydroxyl No. (mg KOH / g)</td>
<td>300</td>
<td>290 - 310</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>≤ 1.5</td>
</tr>
<tr>
<td>Viscosity @ 25° C (cPs)</td>
<td>5,000</td>
<td>4,500 - 5,500</td>
</tr>
<tr>
<td>Functionality</td>
<td>2.2</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity @ 25° C</td>
<td>1.241</td>
<td></td>
</tr>
</tbody>
</table>

Pre-consumer....................7.5%
Recycle Material¹

Post-consumer................19.4%
Recycle Material²

Rapidly.........................0.0%
Renewable Materials³

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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 that 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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