Technical Data

TEROL® 11 POLYOL
Modified Aromatic Polyester Polyol

APPLICATION

TEROL 11 is recommended for use in polyurethane (PUR) systems, especially those with higher water content for water blown applications. It has a very low OH number for ease of formulating and low viscosity.

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>Property</th>
<th>Value</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydroxyl No. (mg KOH / g)</td>
<td>435</td>
<td>410 - 460</td>
</tr>
<tr>
<td>Water (% by wt.)</td>
<td>0.05</td>
<td>≤ 0.10</td>
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<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>1,000</td>
<td>500 - 1,500</td>
</tr>
<tr>
<td>Functionality</td>
<td>2.0</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity @ 25°C</td>
<td>1.23</td>
<td></td>
</tr>
</tbody>
</table>

**Specifications**

- Pre-consumer.....................6.1%
- Post-consumer....................15.8%
- Rapidly..............................0.0%
- Renewable Materials³

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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Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent on the manufacturing circumstances or other processes. Such hazards, toxicity and behaviour should be determined by the user and made known to handlers, processors and end users.

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