EVERSTAB 327

**Chemical Name**  2-(3',5'-di-tert-Butyl-2'-hydroxyphenyl-5-chlorobenzotriazole

**Formula**  C_{20}H_{24}ClN_{3}O

**Molecular Weight**  358

**CAS Number**  3864-99-1

**Specification**

<table>
<thead>
<tr>
<th>Criterion</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Pale yellow crystalline powder</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Assay</td>
<td>99% min</td>
</tr>
<tr>
<td>Melting range (°C)</td>
<td>154 - 158 °C</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.26 @ 20 °C</td>
</tr>
<tr>
<td>Volatiles Content</td>
<td>0.5 % max</td>
</tr>
<tr>
<td>Transmittance</td>
<td>94.0% min @ 460 nm</td>
</tr>
<tr>
<td>(10g in 100 ml toluene)</td>
<td>97.0% min @ 500 nm</td>
</tr>
</tbody>
</table>

**Solubility**

(g in 100 ml solvent)

- Ethyl acetate : 6
- Methyl ethyl ketone : 4
- Methyl methacrylate : 14
- Petroleum ether : 3
- Styrene : 14
- Water : Nil
- Cyclohexane : 8
- Dioctyl phthalate : 3
- Xylene : 15
- Ethyl alcohol : 0.3
- Mineral spirits : 5

**Applications**

Using mainly as a light protective agent for polyolefins and cold-cured polyester resin.

**Packing**

20 kgs net / fiber drum.

**Storage**

Must be stored in closed containers in dark dry conditions.