EVERSTAB 350

Chemical Name 2- (2’-hydroxy-3’ -s-butyl-5’ -t-butyl-phenyl)-Benzotriazole

Formula C_{20}H_{25}N_{3}O

Structure

\[
\begin{align*}
\text{NH} & \quad \text{N} \\
\text{HO} & \quad \text{C}_{4}\text{H}_{9} \\
\text{C} & \quad \text{C}_{4}\text{H}_{9}
\end{align*}
\]

Molecular Weight 323

CAS Number 36437-37-3

Specification

<table>
<thead>
<tr>
<th>Criterion</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Light yellow solid</td>
</tr>
<tr>
<td>Melting Point</td>
<td>83-87°C</td>
</tr>
<tr>
<td>Solubility (30% in ethylacetate)</td>
<td>Clear without residue</td>
</tr>
<tr>
<td>Assay (by GC)</td>
<td>99% min</td>
</tr>
<tr>
<td>Loss on drying</td>
<td>0.5% max</td>
</tr>
<tr>
<td>Heavy metal content</td>
<td>10 ppm max</td>
</tr>
<tr>
<td>Ash</td>
<td>0.1% max</td>
</tr>
</tbody>
</table>

Applications

EVERSTAB 350 is an unique light stabilizer that is effective in a variety of polymeric systems; particularly in polyesters, polyvinyl chlorides, styrenics, acrylcs, polycarbonates, and polyvinyl butyl. EVERSTAB 350 is especially noted for its broad range UV absorption, low color, low volatility, and excellent solubility. Typical end-uses include molding, sheet, and glazing materials for window lighting, sign, marine and auto applications. Specialty applications for EVERSTAB 350 include coatings (particularly thermosets where low volatility is a concern), photo products, sealants, and elastomeric materials.

Packing 50kgs Net/Fiber drum inner with PE bag
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