EVERSTAB P
Benzotriazole type UV absorber for plastics applications

Chemical Name  2- (2’-hydroxy-5’-methylphenyl) benzotriazole

Structure

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\begin{array}{c}
\text{N} \\
\text{N} \\
\text{HO} \\
\text{N} \\
\text{CH}_3
\end{array}
\]
}\]

Molecular Weight  225 g/mol
CAS Number  2440-22-4

Specification

<table>
<thead>
<tr>
<th>Criterion</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Slightly yellowish crystalline powder</td>
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<tr>
<td>Melting Point</td>
<td>128.0~132.0°C</td>
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</tbody>
</table>

Solubility at 25°C (g/100g solvent)
- Methanol: 0.3
- Ethyl acetate: 3
- Chloroform: 14
- Benzene: 8
- n-Hexane: 0.7
- Water: <0.01

Applications
EVERSTAB P is a strong absorber of UV radiation. It has excellent photostability to polymers against UV light exposure in many ways i.e. retarding color yellowing, preventing embrittlement, maintaining of mechanical properties etc.

EVERSTAB P is particularly effective in styrenic polymers, PVC, unsaturated polyesters, polyurethane, acrylic polymers adhesives.

Advantages
- Very high photostability for its strong ability to absorb light in UV region.
- Very good compatibility with polymers.
- Very high heat resistance, without significant degradation or volatility at proper extrusion temperature.
- Odorless, does not bring smells to the polymers.

Handling & Safety
Personal equipment for protection is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling.

Storage
EVERSTAB P should be kept in a dry, dark place without any light exposure.
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