EVERSTAB LS-944
EVERSTAB LS-944GF

Chemical Name
Poly[{[6- I (1,1,3,3-tetramethyl butyl)amino]-1,3, 5-triazine-2,4-diyl}
[(2,2,6,6-tetramethyl-4-piperidinyl)imino]-1,6-hexanediyl[(2,2,6,6-tetramethyl-4-
piperidinyl)imino]}

Structure

\[
\begin{array}{c}
\text{N} \\
\text{(CH}_2\text{)}_6 \text{N} \\
\text{N} \\
\text{H} \\
\text{H} \\
\text{N} \\
\text{H} \\
\text{NH} \quad \text{tert octyl} \\
\text{n} \\
n=4-6
\end{array}
\]

CAS Number
71878-19-8 or 70624-18-9

Specification

<table>
<thead>
<tr>
<th>Criterion</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White to light yellow granules</td>
</tr>
<tr>
<td>Volatiles</td>
<td>1.0% max</td>
</tr>
<tr>
<td>Color of solution (transmission) at 425 nm</td>
<td>90% min</td>
</tr>
<tr>
<td>10g in 100 ml toluene (after filtration) at 450 nm</td>
<td>93% min</td>
</tr>
<tr>
<td>Softening range</td>
<td>105-135°C</td>
</tr>
<tr>
<td>Molecular Weight (Mn)</td>
<td>2000-3300</td>
</tr>
<tr>
<td>Ash</td>
<td>0.1% max</td>
</tr>
</tbody>
</table>

Applications
It is recommended for various applications which require high light stabilization of polymers including PP, HDPE, ABS, PS, PMMA, SAN, PVC, Nylon, Polysters, Polyacetal ETC. Main applications are-Polypropylene fibers; Polypropylene tapes; LDPE film; EVA film.

Packing
40 kgs Net / Fiber drum inner PE bag.