**EVERSTAB LS-622**

**Chemical Name**  
Butanedioic acid, dimethylester, polymer with 4-hydroxy-2,2,6,6-tetramethyl-1-piperidine ethanol

**Structure**

![Chemical Structure](image)

**CAS Number**  
65447-77-0

**Specification**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Criterion</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td></td>
<td>White to light yellow crystalline powder</td>
</tr>
<tr>
<td>Melting Range</td>
<td></td>
<td>55-70°C</td>
</tr>
<tr>
<td>Molecular Weight (Mn)</td>
<td></td>
<td>Mn=3100-4000</td>
</tr>
<tr>
<td>Specific Gravity (20°C)</td>
<td></td>
<td>1.22 g/cm³</td>
</tr>
<tr>
<td>Color of solution (10g in 100 ml toluene)</td>
<td></td>
<td>at 425 nm 97.0% min at 450 nm 99.0% min</td>
</tr>
<tr>
<td>Solubility (Grams per 100g of solvent at 20°C)</td>
<td></td>
<td>Methylene chloride &gt;40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Toluene 15</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Water &lt;0.01</td>
</tr>
<tr>
<td>Loss on drying</td>
<td></td>
<td>0.5% max</td>
</tr>
<tr>
<td>Ash</td>
<td></td>
<td>0.1% max</td>
</tr>
</tbody>
</table>

**Applications**  
Application includes polyolefin (PP, PE), olefin copolymers such as EVA as well as blends of polypropylene with elastomers. In addition LS-622 is highly effective in polyacetals, polyamides, and polyurethane applications.

**Packing**  
25-kg PE bag per carton
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