Orco Dye Carrier LLRS-2™

Orco Dye Carrier LLR-2™ is a low-odor dye carrier for atmospheric dyeing and high temperature leveling of polyester.

Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Slightly yellow liquid</td>
</tr>
<tr>
<td>Ionic charge</td>
<td>Nonionic/anionic</td>
</tr>
<tr>
<td>Chemical type</td>
<td>Alkyd amide blend</td>
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<tr>
<td>Stability</td>
<td>Protect from excessive heat and cold</td>
</tr>
</tbody>
</table>

Advantages

- Excellent yield
- Good leveling properties
- Ease of use
- Very low odor

Procedures

Atmospheric

Prepare bath with the following:

- 6.0 - 9.0% Orco Dye Carrier LLRS-2™ * on weight of goods (owg)
- X% owg Glacial Acetic Acid 50% to pH of 4.5 - 5.0

Circulate for 10 minutes at 100-110°F (38-43°C).
Add Orcocilacron™ disperse dye and bring temperature to 208°F (98°C) and run for 60 minutes.
Drop bath, rinse well, and dry. *Dependent on depth of shade.

High Temperature

Same procedure as listed above with the following changes:

2.0% - 4.0% owg Orco Dye Carrier LLRS-2™, X% owg Glacial Acetic Acid 56% to pH of 2.5 - 5.0
Run at 265°F (130°C) for 45 minutes.
On heavy shades, the use of Orco Synclear PC™ will help remove any loose dye and improve crocking.

Disclaimer

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Released: 11/18 RY