Orcopon PCA™ / Orcopon PC-60™

**Orcopon PCA™/PC-60™** is a specially designed nonionic dispersing agent and cleaning agent for use on cotton, wool, and most synthetics and their blends to provide a uniformly prepared surface for dyeing.

### Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear pourable liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Solvent-like odor</td>
</tr>
<tr>
<td>Ionic Charge</td>
<td>Nonionic</td>
</tr>
<tr>
<td>Solubility</td>
<td>All proportions in warm water</td>
</tr>
</tbody>
</table>

### Applications

- Removal of excess oils and fiber lubricants from fiber surfaces prior to dyeing. Many fiber lubricants and carding oils contain a silica additive to improve cohesiveness of the yarn. This can cause flow problems and blockages on equipment such as beams and package dyeing equipment.
- Helps to remove these deposits, hold them in suspension, and keep them from redeposition onto the fiber.
- Suitable for use on most equipment including jets and beam kettles.

### Procedures

**Beam and Package dyeing fiber preparation**

1. Use 1-3% Orcopon PCA™/PC-60™ on weight of fabric (owf)
2. Raise temperature slowly to 140-150°F (60-66°C).
3. Run for 15 minutes.
4. Drop bath or over-flow rinse.

**Jet Equipment Oil Removal**

1. Use 1-2 % owf Orcopon PCA™/PC-60™
2. Add 0.10% owf high-temperature type defoamer.
3. Raise temperature slowly to 140-150°F (60-66°C).
4. Drop bath and over-flow rinse.