

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

Appearance	Clear pourable liquid
Odor	Solvent-like odor
Ionic Charge	Nonionic
Solubility	All proportions in warm water

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.