How to Dye Polyester/Nylon Blends with Orcocilacron™ Disperse and Orco™ Acid Dyes using a One-Bath Process

This is a general one-bath procedure, for cross or union-dyeing, using Orcocilacron™ Disperse and Orco™ acid dyes on Polyester/Nylon blends. Acid dye classes that are applicable for this procedure are Orco Milling™, Orco Nylosol™, and Orcolan Neutral™.

1. Prepare goods as necessary.
2. In a bath at 110°F(43°C), add:
   - 0.5-1.0 % owg Orcoterge 35-C™
   - 6 % owg Glauber's Salt
   - X % owg Orcocilacron™ Disperse dyes properly prepared
3. Circulate for 10 minutes and then add:
   - Y % owg Orco™ Acid dyes properly prepared
4. Slowly raise temperature to 170°F(77°C) and add:
   - 3 % owg Orco Dye Carrier LO™
5. Raise to the boil and run for 1-1½ hours depending on the depth of shade.
6. Cool to 170°F(77°C), sample, and shade if necessary. If so, raise to the boil and run an additional 30 minutes.
7. Hot wash at 170-180°F(77-82°C) to remove dye carrier. Do not allow the temperature to drop below 160°F(71°C) until all carrier is removed.
8. After-scour in fresh bath at 180°F(82°C) for 30 minutes with:
   - 0.5 % owg Orcoterge 35-C™
   - 0.5 % owg Acetic Acid
9. Cool to 170°F(77°C), drop bath, and rinse well.