



# CHEMATEX DYES & CHEMICALS

## PIGMAFIX DP/DF DYEING SYSTEM

Innovative system for garment pigment dyeing.

### Application Recommendation :

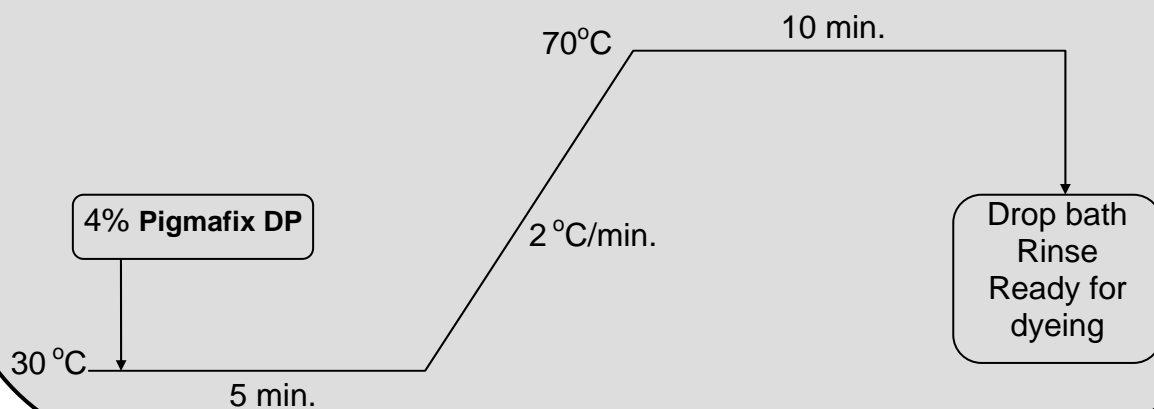
1. Fabrics that can be processed :

100%	Cotton Knits
100%	Cotton Woven
65/35	T/C Knits
100%	Viscose Knits and Woven
2. Machinery - in order of performance :
  - 2.1. Rotary Drum Dyeing Machines
  - 2.2. Overhead Paddles
  - 2.3. Side Paddles
  - 2.4. Smith Drums
  - 2.5. Laundry Washers

*Liquor ratio can be from 10 : 1 to 20 : 1*
3. Fabric must be prepared for garment dyeing a peroxide bleach before making garments or garments can be bleached before pigment dyeing.
4. We recommend most pigment pastes to give good dyeing results and acceptable fastness properties.
5. Dyeing Process :

The garments are treated as follows :-

  - 5.1. To the cold bath containing garments add,
  - 5.2. Adjust the pH to 7-7.5,
  - 5.3. Add 4% **PIGMAFIX DP** (o.w.g.)
  - 5.4. Run 5 minutes
  - 5.5. Raise temperature at 2°C per minute to 70°C,
  - 5.6. Run 10 minutes,
  - 5.7. Drop bath
  - 5.8. Give one cold rinse
  - 5.9. Drop bath
  - 5.10. Fresh bath (cold) for ready dyeing process.



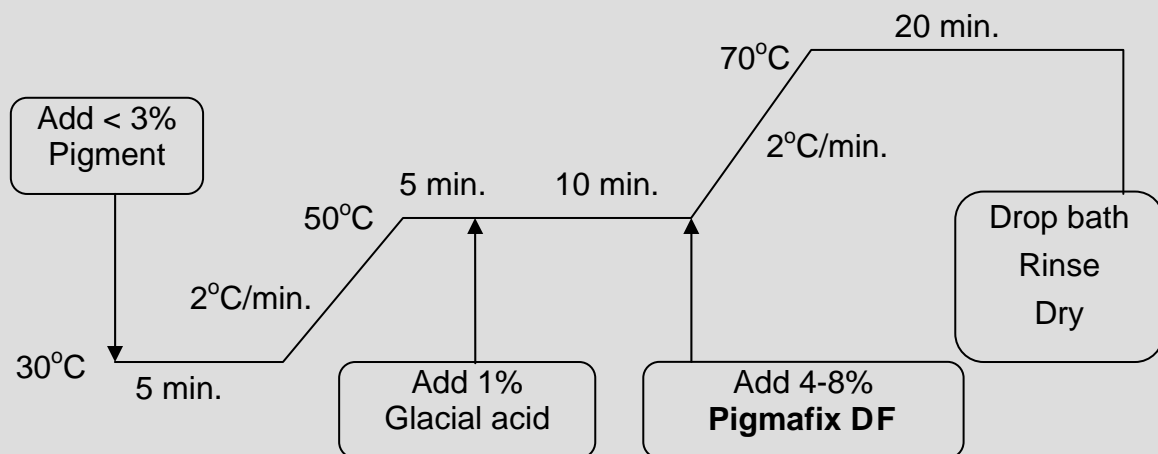
本数据是基于精密试验所得，以供阁下参考。对于使用后所得之一切结果，不负任何责任。这是因染厂有许多的变量超出我们所能控制之范围。本公司仅保证产品之质量稳定不变。

The information and data in this bulletin are based on accurate laboratory researches and are intended for your guidance. We cannot, however, accept any responsibility for the results obtained, in view of the numerous factors of application are beyond our control. Our guarantee is limited to the unvarying quality of our products.



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6. Add up to 3% pigment paste. Run cold for 5 minutes. Raise to 50°C by 2°C/min. Run 5 minutes and add 1% glacial acetic acid and run for more 10 minutes. And then add 4-8% **Pigmaflox DF** into the bath and raise the temperature to 70°C and run for 20 minutes until the bath is fully exhausted. Drop bath when the dyebath is clear and rinse for cold. Aftertreat with cationic softener if needed. We recommended the dosage of the pigment paste should be less than 3% in order to ensure maximum rubbing fastness.



7. Drying - Garment must be in a tumble dryer as hot as possible up to 100°C to let the resin crosslink. This will ensure adequate fastness properties.

... End ...

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