

Disperse Dyes

DISPERSE DYES dyes are the only class of dye capable of dyeing polyester with adequate fastness. Commercially these dyes are used at 130°C but for home use we are only able to boil the dyes which can sometimes make it difficult to get strong colour results. For strong shades use a Polyester Carrier in the dye bath. They will also dye nylon at the boil and can be used for Transfer Printing.

The colours are intermixable so other shades can be achieved by mixing a handful of primaries. To achieve best results, we suggest you make sure you have enough room in the dye bath to comfortably cover the fibre and that you stir gently and often in the early stages of the dyeing to avoid unevenness. Using a Wetting Agent (Wetter OT) will help promote better and more even uptake and exhaustion of dye. 50 – 60gms dye will dye 1kg fabric. WORK IN A WELL VENTILATED SPACE

100 gms FIBRE | YARN | FABRIC

Dye - 1 heaped tsp = approx. 5gms

.5gm for pale shade
1 gms for medium shade
3 gms for strong shade
6 gms for BLACKS

Polyester Carrier

Polytex MFU - Maintains PH 4.5-5.0 in the dye bath & improves the colour yield & levelness of dyeing. Use 1-2gms per litre of dye bath

Polytex PEW – Use to dye heavy shades 2 -10mls per litre of dye bath depending on depth of shade [use less for pale shades]

Wetter OT – Improves even dyeing use 1 -2mls per litre of dye bath

INSTRUCTIONS

- Start by dissolving the dye powder in hot water. Make sure there are no undissolved lumps.
- Make up a dye bath with enough warm water to cover the fabric/fibre (the best pots for dyeing are stainless steel).
- Add the dye solution. Add Polyester Carrier & Wetting Agent now if you are using them.
- Slowly bring the dye bath to a gentle simmer, stirring regularly to promote even dyeing. The dye will gradually exhaust into the fibre over 30 – 60mins.
- Rinse thoroughly in warm, clean water. Wash in a neutral detergent or mild soap powder then rinse again in clean warm water.
- You can add more dye at any stage but always dissolve the dye first, cool the dye bath and move the fibre to one side before adding the extra dye solution
- Dye bath can be reused.

EQUIPMENT



Scales



Gloves



Stirring Spoon



Dye Pot



Dust Mask



Measuring Spoons



Jug