

Name and address of co-authors: József Fidel, István Rusznák, András Víg.

Titulo / Title: Colour dependent reproducibility in dyeing of polyester – triacetat blend knitted fabrics.

---

Day by day dye-houses face new challenges in dyeing unusual blended fabrics and knitted goods.

This paper deals with the dyeing of triacetate and polyester blends. Both component can be dyed with disperse dyes. Usual requirement used to be the achievement of tone in tone dyeing. Both efficient solution would be the single dye, single bath, single step dyeing technology. Most of the disperse dyes suggested for polyester dyeing are not able to produce the wanted “tone in tone” on the other component. E.g. dyeing to black the suggested disperse dye could produce the wanted colour on the polyester component whereas the shade arrived on triacetate component was only brown. The most of the trendy colours: black, silver-grey, brown, navy blue, wine-red and khaki could be elaborated as well in laboratory as in mill scale in a single bath single step tone in tone dyeing with properly selected, in most cases, dye combinations.