Shrinkage control in dyeing of Lycra fabrics before Finishing

A Thesis submitted to University of management & technology

School of Textile and Design Lahore.

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Applicants Statement.

We confirm that the thesis entitled:

[Shrinkage control in dyeing of Lycra fabrics before Finishing]

Submitted for the degree of: [B.sc Textile Engineering]

Is the outcome of our own research except where otherwise approved and that this thesis in whole or in part has now been submitted for an honor counting a higher degree to any other university or institution.

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Certificate.

It is to confirm that this proposition entitled "**Shrinkage control in dyeing of Lycra fabrics before finishing**" has been recognized as a partial serenity of the requirement for the degree of B.Sc. Textile Engineering in University of Management & Technology School of Textile and Design Lahore.

Supervisor: ---------- Project Coordinator: ----------

Dedication.

We donate this portion of work to:

- Allah Almighty
- Hazrat Muhammad (S.W.A)
- Ours beloved parents and ours appreciated teachers
- The students of school of textile and design

"That man has nothing but what he strives for, and that his striving will be seen, and that afterwards he will be repaid for it with the fullest repayment, and that to thy Lord is the goal."

(AL- Quran)

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Abstract.

Lycra clothing tattered by people of all ages and has with stood the test of time. Lycra fabric structures a wide range of colors for a multiplicity of applications are made. At this time there is growing demand for flexible fabric, knitting, after Lycra fabric in warp and weft to prevent shrinkage in the wash both a soft and enjoyable handle and the dimensional constancy, chemical and to have must be treated mechanically so shrinkage flexible Lycra fabric clothes especially raw Lycra is a very important characteristic for studying.

Percentage of shrinkage in the warp and weft direction is measured and a statistical model for the shrinkage percentage of the textile basic feature can be used to predict which element of the association (0.93, 0.99) both with for directions set. To determine the shrinkage ratio is an important step before processing.

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