The Effect of Different Weft Yarn Production Technique on the Pilling Property of Jeans Fabrics.

Prof. Samir El-Tantawy.
Dept. of Textiles, Faculty of Applied Arts, Helwan University, Egypt.

Prof. Mohammad Sabry.
Dept. of Textiles, Faculty of Applied Arts, Helwan University, Egypt.

Eng. Mohamed Bakry.
Textile engineer, Fourtex factory, Egypt.

Abstract:
The main purpose of this study is to investigate the relationship between using three different types of weft yarns with different counts and their effect on the pilling properties of jeans fabric. These three types are namely: core spun yarn, dual core spun yarn with welding, and dual core spun yarn without welding. The dual core yarns are produced by using three different textile materials, which connected to each other in the spinning process to form the final yarn. The advantages of dual core yarns are having the benefits of each type of textile materials. Martindale pilling and abrasion tester was used to evaluate pilling property for tested samples by comparing with standard sample. Results have indicated that the best results for fabric pilling property are both dual core yarn types with higher yarn count.

Keywords:
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