



Effect of Weaves on Properties of Fabrics Made with Texturised Weft Yarn

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ABSTRACT

The aim of this work is to investigate effect of weaves on the properties of fabrics made with texturised weft yarn. In this work, Plain and twill woven fabrics made with texturised weft yarn have been under gone by crease recovery test, drape test and stiffness test. The results indicate that crease recovery and drape effect of twill fabrics is better than plain woven fabrics. This is because twill weave do not interlace as many times as they do in a plain weave and have more space for close packing of yarns. But stiffness of plain fabric is better than twill woven fabric.

Graphical Abstract

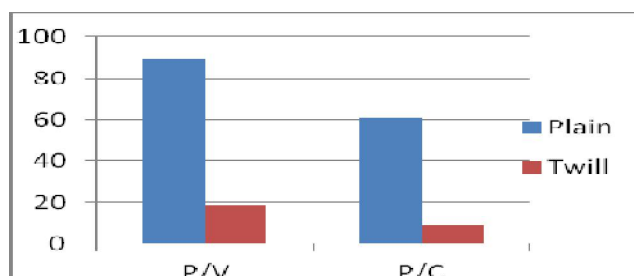


Figure 4. Effect of the weave and weft yarn on bending modulus.

Keywords: Crease recovery test, Drape test, Stiffness test, Texturised weft yarn.