Effects of finishes on thermal properties of fleece fabric (objective and subjective evaluation)

PROJECT REPORT

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Student's Signature: _____

Name of Student: _____

Date: May 25, 2017

Declaration

I hereby declare that all the data used in this project is prepared by my own efforts and specified literature is used.

Student's Signature: _____

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Abstract

In this study focus is placed on the importance of fabrics thermal properties. Many fabric of different types are used in daily life. Some of these are used to provide heat to the human body. After the finishes applied on the fabric, the thermal conductivity, resistance and absorptivity are changed which gives warm cool feeling to the human skin due softness and smoothness. The thermal properties of knitted fabric (sample) were measured on ALAMBETA. The results indicate that after the implementation of enzymes how much thermal values are changed. After the certain amount of enzymes are applied on the fabric the contact point is increased between the human skin and the finished fabric

KEYWORDS: Knitted fabric, thermal conductivity, resistance, absorptivity, Alambeta

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Introduction

1.1 Background

There are different types of fabric used in daily life. Some of these are used to provide heat to the human body. People used knitted fabric for different purposes; it could be used for sports and also for casual wear because it turns into the body shape. [1] Due to its flexibility knitted fabric provide very little resistance during the motion of human body who wore it. Now a day knitted fabric demand increases day by day due to its high capability of heating.

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