PHYSICAL PROPERTIES OF SEWING THREADS AND THEIR PERFORMANCE IN RELATION TO SEAM CONSTRUCTION

by

C R L Geeganage

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The work presented in the thesis in part or whole, has not been submitted for any other academic qualification at any institution.

UOM Verified Signature

C.R.L.Geeganage

(Candidate)

UOM Verified Signature

Mr.D.P.D.Dissanayake

(Supervisor)

Abstract

Polyester spun sewing thread is commonly used in high-speed sewing machines in the garment manufacturing process.

Recently core spun sewing threads produced with polyester filament core and polyester sheath fibres have been introduced to the local garment industry. Poly/ploy core spun thread is believed to give superior quality performance in seams.

The spun polyester and core spun sewing threads are having different structures and as such, their properties will be significantly different.
The behavior of these threads in different types of seams would provide an insight to the performance of core spun (poly/poly) and 100% polyester sewing threads.

The results of this research project show that the core spun would give superior performance in seams and the thread consumption is less when the core spun thread is used.

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