

Herbal treatment effect on fabric thickness

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■ **ABSTRACT :** The present work was carried out with an objective to study the physical property of control and treated samples were tested to analyze the effect of *Karanja* extracts on the samples. The Shirley thickness tester was used to determine thickness of controlled', samples treated with both extracts of *Karanja* in both viscous and dry state; and antiseptic treated samples in both concentrations using BS 2544: 1967 test method. A specimen size of 5"×5". The tests were performed for different types of samples viz., control (scoured), samples treated with leaves and seed extracts in viscous and dry state; and samples treated with an antiseptic containing chloroxylenol. The samples were subjected to test for fabric thickness (mm). It was concluded that as the concentration of extract increased, thickness (mm) of all treated samples increased significantly. A 1% level significant increase in thickness (mm) was observed in all treated samples as compared to the control sample.

■ **KEY WORDS:** Extract, Antiseptic, Viscous, Thickness, Chloroxylenol

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