

Studies on the Deflection of Yarn at Both End Clamped

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Fabric hand and drape have effects on the fabric quality and their factors have been studied for many years. Especially, studies on the bending properties of yarns are important themselves, and they are more important as a relative effect on other factors.

Because yarns are flexible extent to be treated as a special case in the material science, so small and large deflections should be investigated relatively.

As a result, there is little difference in small deflection, but large difference can be observed in large deflection.