

MECHANICAL BEHAVIOR OF WOVEN GEOTEXTILES

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Mechanical behavior of woven geotextiles under uniform load at various boundary conditions were studied.

The deflection of geotextiles under uniform load at three different boundary conditions were obtained by adopting the plate elasticity theory under small deformation range, i.e. under the mode of crimp interchange deformation of woven the measured values of the deflection of woven geotextiles under uniform load.