

Abstract

HIGHLY SHRINKABLE FIBER

A highly shrinkable fiber composed of nylon-MXD6 polymer and nylon-6 polymer, characterized in that a weight ratio therebetween is in the range of 35:65 to 70:30, and that each thereof exhibits a breaking strength of 4.00 cN/dtex or greater. Preferably, the weight ratio between nylon-MXD6 polymer and nylon-6 polymer of the highly shrinkable fiber is in the range of 45:55 to 55:45. The highly shrinkable fiber exhibits a high shrinkage ratio in boiling water, so that when the highly shrinkable fiber is used in a woven fabric, there can be realized a high density.