

Title (en)

POLYESTER-BASED FIBER AND PILE FABRIC CLOTH USING SAME, AND METHODS RESPECTIVELY FOR PRODUCING THESE PRODUCTS

Title (de)

POLYESTERBASIERTE FASER UND POLSTOFFTUCH MIT VERWENDUNG DAVON UND VERFAHREN ZUR JEWEILIGEN HERSTELLUNG DIESER PRODUKTE

Title (fr)

FIBRE À BASE DE POLYESTER ET TISSU À POILS L'UTILISANT ET PROCÉDÉS RESPECTIF POUR PRODUIRE CES PRODUITS

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Application

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Abstract (en)

The present invention relates to a polyester-based fiber having crimps, in which, when the polyester-based fiber is suspended vertically and subjected to dry heat treatment at a temperature of 90°C or more and 120°C or less for 60 seconds under a load of 4 mg/dtex, a difference between a fiber length of the heat-treated polyester-based fiber under a load of 4 mg/dtex and a fiber length of the heat-treated polyester based fiber under no load is less than 3%. This provides a polyester-based fiber capable of imparting good appearance, sag-recovery and voluminousness to a pile fabric, while imparting high crimp removability to a napped surface layer portion of the pile fabric in a polishing process at a low temperature of 90°C to 160°C, and a pile fabric in which the polyester-based fibers are used, a method for manufacturing the polyester-based fiber, and a method for manufacturing the pile fabric.

IPC 8 full level

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