

Title (en)

POLYPROPYLENE FIBER AND PREPARATION THEREOF

Title (de)

POLYPROPYLENFASER UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

FIBRE DE POLYPROPYLENE ET SA PREPARATION

Publication

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Application

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Abstract (en)

[origin: WO0134884A2] Disclosed is a polypropylene fiber, which is obtained from an isotactic polypropylene homopolymer with an isotactic index of 90 to 99 % through melt-spinning or through drawing after melt-spinning, and shows two differential scanning calorimeter (DSC) endothermic peaks between 155 and 170 DEG C. When being thermally bonded with one another, the fibers are made into non-woven fabrics which have excellent strength in addition to being soft. A high quality of the non-woven fabrics can be produced in high speed carding machines with high yields.

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