

Title (en)

BICOMPONENT FIBERS WITH AN EXTERIOR COMPONENT COMPRISING POLYPROPYLENE

Title (de)

ZWEI-KOMPONENTEN-FASERN MIT EINER POLYPROPYLENHALTIGEN AUSSENKOMPONENTE

Title (fr)

FIBRES BICOMPOSANTS DOTÉES D UN COMPOSANT EXTÉRIEUR COMPRENANT DU POLYPROPYLÈNE

Publication

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Application

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Abstract (en)

[origin: EP2154275A1] The present invention relates to bicomponent fibers with improved bonding properties. In particular, the present invention relates to bicomponent fibers comprising an exterior component, which in turn comprises a polypropylene that has been degraded from a first melt flow index MFI 1 (measured according to ISO 1133, condition L, 230 °C, 2.16 kg) to a second melt flow index MFI 2 (measured according to ISO 1133, condition L, 230 °C, 2.16 kg), such that the degradation ratio MFI 1 /MFI 2 is within a well-defined range and such that the second melt flow index MFI 2 is in the range from 50 dg/min to 300 dg/min. Further, the present invention relates to nonwovens, composites and laminates comprising said bicomponent fibers. The present invention also relates to a process for making such bicomponent fibers, nonwovens, composites and laminates.

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