

Title (en)

GOOD QUALITY FILAMENTS, THREADS, FIBRES FROM A MIXTURE OF ATACTIC POLYVINYL CHLORIDE AND OVERCHLORINATED POLYVINYL CHLORIDE, AND PROCESS FOR THEIR MANUFACTURE

Publication

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Application

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Priority

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Abstract (en)

[origin: ES8207238A1] The present invention relates to filaments based on a mixture of atactic polyvinyl chloride and postchlorinated polyvinyl chloride, and also to the process for their production. The filaments according to the present invention possess a residual shrinkage in boiling water of less than 2%, a modulus of elasticity of more than 3 kN/mm² and a shrinkage stress, after shrinkage in an aqueous fluid medium at a temperature between 98 DEG and 130 DEG C., which is greater than or equal to 1.6x10⁻² g/dtex. The filaments are obtained by spinning and stretching in a manner which is in itself known, then continuous stabilization under tension, at a temperature between 105 DEG and 125 DEG C., in the presence of steam under pressure, for 1 to 3 seconds, and then shrinkage in an aqueous fluid medium at a temperature between 98 DEG and 130 DEG C. The filaments according to the invention can be used, by themselves or blended with other filaments, for the production of woven fabrics, knitted fabrics and non-woven articles.

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IPC 8 full level

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