

Title (en)

METHOD FOR PRODUCING POLYAMIDE MONOFILAMENTS AND MONOFILAMENT FOR TECHNICAL FABRIC

Title (de)

VERFAHREN ZUR HERSTELLUNG VON MONOFILAMENTEN AUS POLYAMID UND MONOFILAMENT FÜR TECHNISCHE GEWEBE

Title (fr)

PROCEDE POUR PRODUIRE DES MONOFILAMENTS EN POLYAMIDE ET MONOFILAMENT POUR TISSUS TECHNIQUES

Publication

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Application

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Abstract (en)

[origin: WO9842900A1] The present invention concerns a method for producing round polyamide monofilaments which are free of pinholes and heat-resistant for use in technical fabric. A mixture of 75 to 85 wt-percent-PA 66 and more than 15 to 25 wt-percent-PA 6 is produced immediately prior to extrusion, spun, and immediately cooled in a liquid. The monofilament in a titer range from 0.8 to 1.5mm diameter is intended for technical fabric and has a resistance greater than 40 cN/tex, a thermal resistance of  $\leq 55\%$ , and a melting point range between 235-260 DEG C.

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