



BIOBASE - INTERIOR TEXTILES MADE FROM BIOPOLYMERS

As part of the BioBase project, which is funded by the Federal Ministry of Education and Research, interior textiles made from biopolymers are being developed together with Krall+Roth Produktions GmbH. In order to investigate the substitution potential of different biopolymers, an established, petroleum-based product is being modelled with polymers based on renewable raw materials.

Therefore, commercially available bio-based polymers are selected, melt-spun into filament yarns, then air-texturised and further processed into fabrics. The manufacturing processes

and machine settings along the textile value chain must be adapted to the respective material behaviour of the biopolymers. Using this process, fabrics made from four different (partially) bio-based polyamides were successfully realised for the interior sector.

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