

# Ultramid® Biomass Balance for textiles and apparel by NILIT®



ByNature is the industry-first premium Nylon 6.6 for textiles and apparel using certified renewable raw materials to reduce fossil raw materials. A first for the fashion and sportswear industry, SENSIL® ByNature gives environmentally conscious consumers a meaningful way to help reduce carbon footprint while keeping exactly the same comfort, performance, and longevity that they expect and get today from SENSIL®.

## About NILIT®

*The Art of Textile Innovation and Sustainability*

NILIT®'s know-how is based on the strategic combination of rooted knowledge, indispensable industry experience, and a deep understanding of our customers' needs, that together, empower NILIT® with the ability to respond to dynamic market changes for the development of innovative technologies.



SENSIL® is a registered trademark of NILIT.



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**BASF**  
We create chemistry

## Technology

The **certified renewable** raw materials are allocated to SENSIL® ByNature to replace the corresponding fossil feedstock, according to the Biomass Balance (BMB) approach, a method **pioneered by BASF** within the chemical industry. Compared to conventional Nylon yarn made from fossil feedstock, in this approach **renewable resources such as biogas derived from waste** is used as a feedstock in the very first steps of the production process. The bio feedstock amount is then allocated to **specific products** sold by means of the certified method.



The technology considerably **improves** a garment's **Product Carbon Footprint** and takes the apparel industry closer to a more sustainable position.

