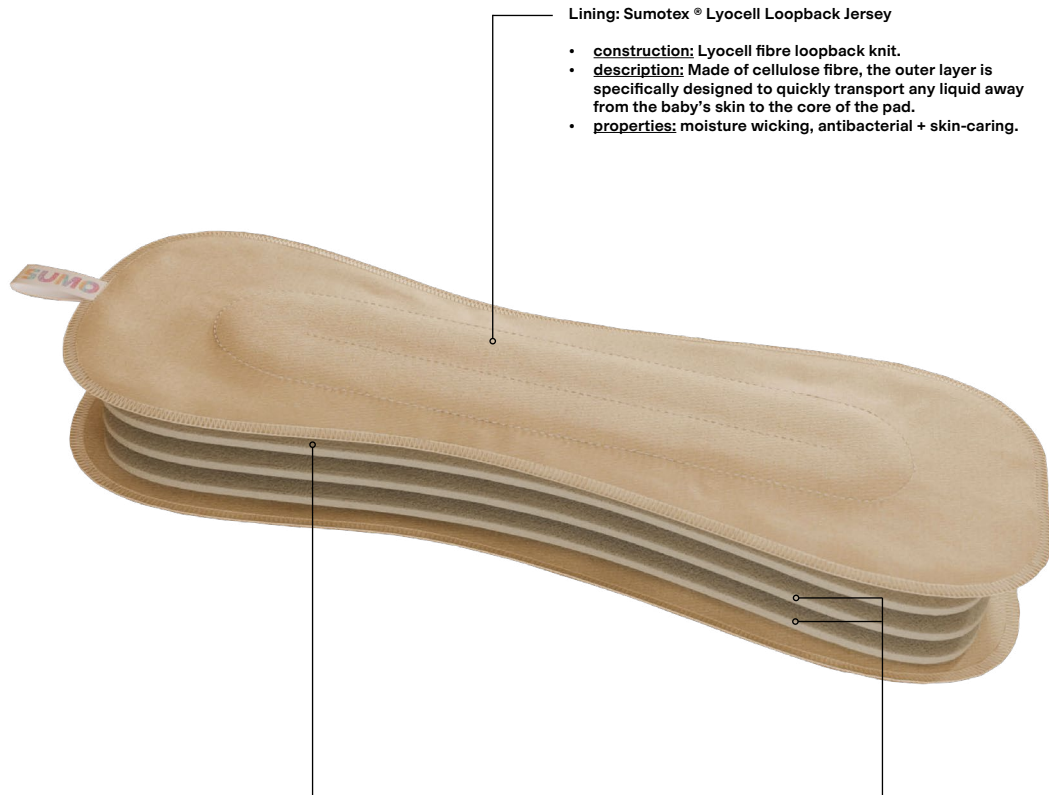


# Spotlight: UFO

## Absorption inlays for today's reusable diapers

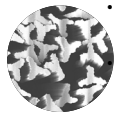


Lining: Sumotex® Lyocell Loopback Jersey

- **construction:** Lyocell fibre loopback knit.
- **description:** Made of cellulose fibre, the outer layer is specifically designed to quickly transport any liquid away from the baby's skin to the core of the pad.
- **properties:** moisture wicking, antibacterial + skin-caring.

UFO consists of several layers of cellulose fiber sheets, which were developed in cooperation with **Kelheim Fibers** and the **Sächsisches Textilforschungsinstitut e.V - STFI**. Through extensive R&D at the STFI, multiple obstacles regarding the washability of cellulose fibers were overcome. Resulting in a natural high-performance product with the highest absorption speed and rate, compared to conventional cotton and polyester inlays. For this innovation UFO was awarded the **Techtextil Innovation Award 2022**.

Sumo is a Berlin based start up bringing design leadership to the hygiene industry. Founded in 2020 by Luisa Kahlfeldt and Caspar Böhme, Sumo has won multiple prestigious awards for their range of high performance, reusable baby products.



- **Acquisition Distribution Layer: Galaxy® / PLA Bicomponent Fibre Blend**
- **construction:** needle-punched/thermobonded nonwoven with high bulk and wet strength for optimized fluid distribution .
- **description:** the trilobal Galaxy® fibre optimizes wicking via capillary channels for a fast fluid acquisition and an efficient liquid distribution.
- **properties:** Fast Fluid Acquisition / Efficient Liquid Distribution.



- **Absorbent Core Layer : Bramante Fibre / PLA Bicomponent Blend**
- **construction:** needle-punched/thermobonded nonwoven with high bulk and wet strength for optimized fluid storage.
- **description:** The Bramante is a segmented hollow fibre that absorbs up to 260% of its own weight in liquids inside the fibre which leads to an optimized absorbency level and retention capacity.
- **properties:** High Liquid Capacity.



Sumo Website



Sumo LinkedIn



STFI Website



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reddot winner 2021