

ROICA Eco-Smart™ family is a unique, certified, eco high tech offer, able to meet responsible business needs and contemporary consumer desires for the modern wardrobe.

## ROICA™ V550

Application | ACTIVATION / AQUA / STYLE#FIT / LEGWEAR / ESSENTIALS



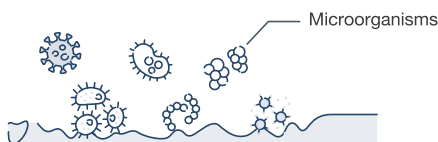
This yarn is a pioneer in eco-circular stretch, which is a degradable yarn by Asahi Kasei

- Decomposes into CO<sub>2</sub> and Water after degradation
- Degrades around 50% after 24months while general spandex/elastane shows no degradation by test under ISO14855-1
- Rewarded with a C2C Certified Material Health Certificate™

### ▼ Degradability of ROICA™ V550

Under the microbiologically active soil

ROICA™ V550



The yarn is able to breakdown faster in microbiologically active soil without releasing harmful substances.

Regular spandex in general

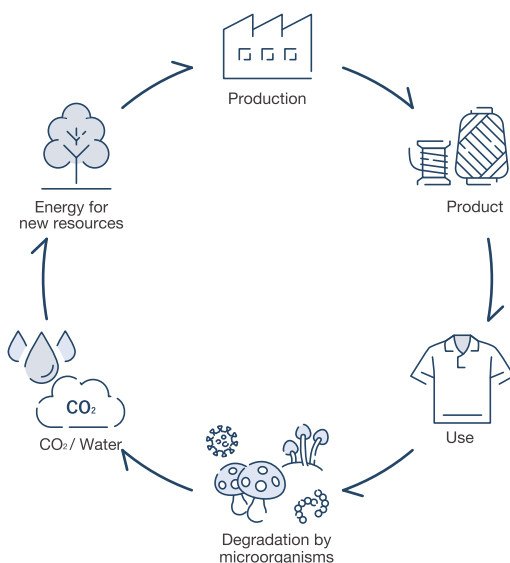


The yarn is less likely to be affected by the microbiologically active soil.

\* ROICA™ V550 itself doesn't reach the required level/speed of biodegradability by OK compost standard to call it as a biodegradable yarn.

\* ISO14855-1: The test is conducted under the controlled composting condition at 58°C, representing industrial compostability.

### ▼ Life cycle by using ROICA™ V550



[Conceptual diagram of C2C biological cycle]

- Suitable for typical applications in textile products, which are designed for the biological environment
- Rewarded with a C2C Certified Material Health Certificate™ in Biological cycle

[ Additional Advantages ]

- Excellent heat-set performance
- Excellent acid-dyeing performance
- Excellent molding performance
- Excellent printing performance in transfer printing