

ROICA Resistance™ family is a high-performance range of functional stretch yarns for fabrics and garments. With ROICA Resistance™ family INSIDE they withstand the damaging effects of chlorine, salt water, chemicals and heat, delivering a durable power fit performance, better stability and a longer lasting quality.

## ROICA™ SP

Application

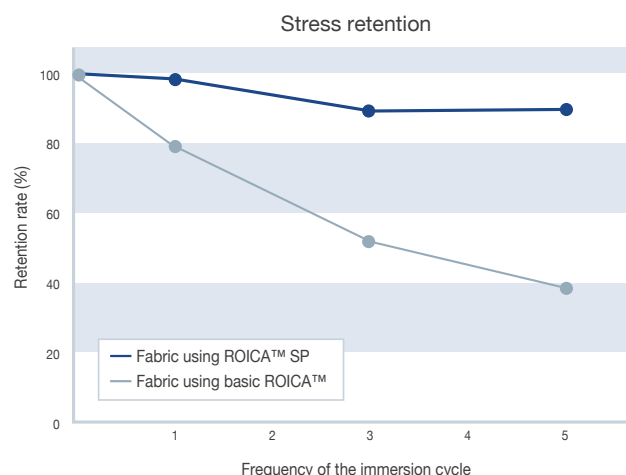
ACTIVATION / AQUA / STYLE#FIT / LEGWEAR / ESSENTIALS



A stretch yarn with excellent high anti-chlorine function.

- Excellence in chlorine resistance
- Resistance in bleaching process

### Chlorine resistance



< Sample > Two-way tricot

PET 56dt/48f×ROICA™ SP 44dt (PET81%,PU19%)

PET 56dt/24f×Basic ROICA™ 44dt (PET81%,PU19%)

< Test method > Chlorine resistance test (chlorine embrittlement test)

• One cycle of chlorine treatment conditions: Fabric was immersed for six hours at a chlorine concentration of 300ppm and water temperature of 35°C.

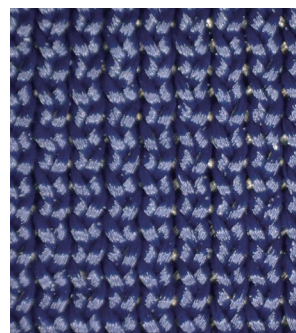
• Stress retention rate at 80% extension and recovery

\* Measurement performed at the Consumer Product End-use Research Institute Co., Ltd.

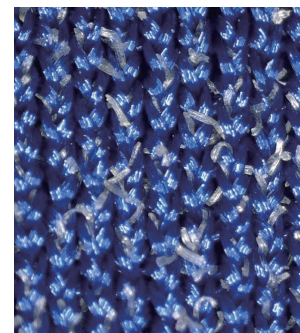
### Restrains embrittlement

Comparison of fabric surfaces after immersion in chlorine

Fabric using ROICA™ SP



Fabric using basic ROICA™

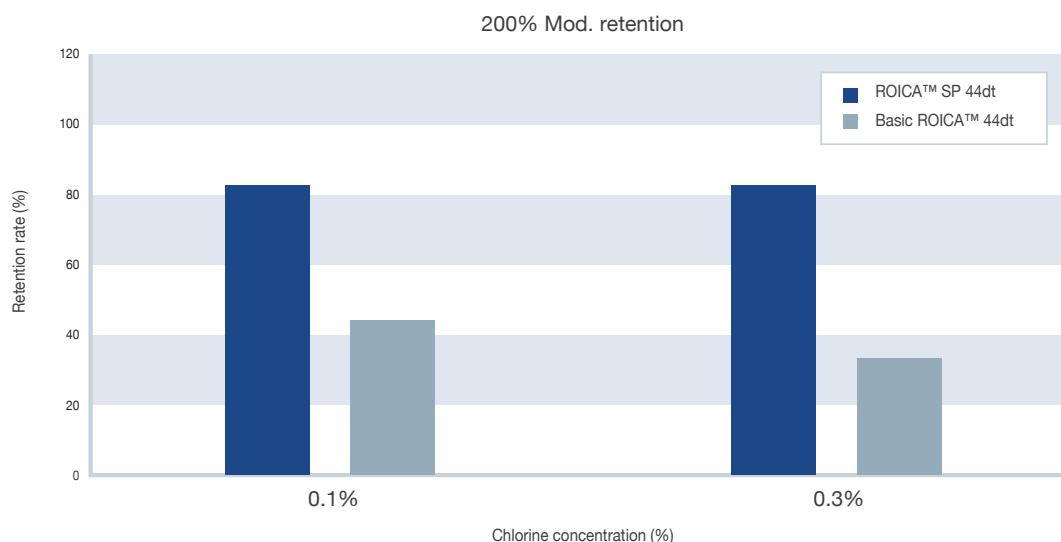


Yarn breakages are observed in fabric using basic ROICA™.

< Test method >

The test conditions is the same as written on the left side of this page. After the pretreatment, both fabrics were stretched a few times.

### Comparison of the power retention on the assumption of processes for bleached denim



The product for comparison may easily undergo strength deterioration.