

ROICA Resistance™ family is an unique family of premium stretch yarns for a more durable and calibrated shape control. Choosing fabrics for garments with ROICA Contour™ family INSIDE creates confidence and security through its fit, focused compression for shaping and muscle support performance exactly where it is needed.

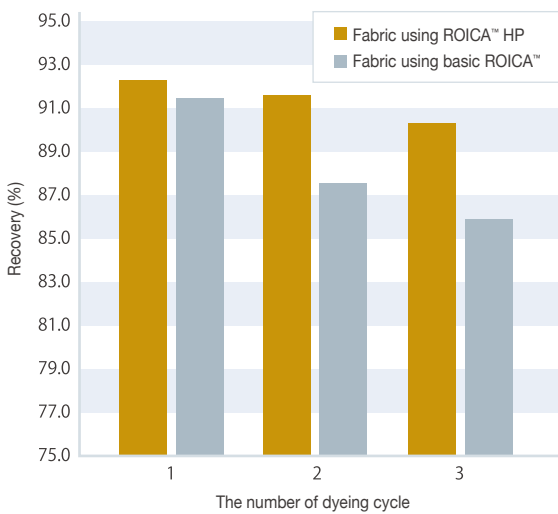
**ROICA™ HP**

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

- Heat resistance in dyeing process
- Retaining the power even after repetitive dyeing in PET dyeing



**Recovery rate of circular-knit fabric when repeatedly dyed three times**



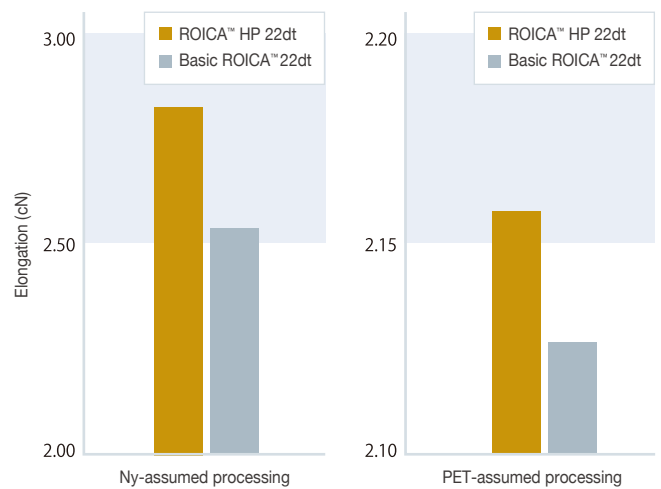
[ Sample ] Single jersey

PET(W)84dt/72f(SD) × ROICA™ HP 22dt(PET91%,PU9%)

PET(W)84dt/72f(SD) × Basic ROICA™ 22dt(PET91%,PU9%)

**Powerful even at when very fine denier**

— Elongation after the fabric processes —



[ Test method ]

Ny-assumed processing: PS 190°C for 1 minute under 50% stretch  
→ 100°C during 30 minutes of boiling (ammonium sulfate 2g/L, adjusted to pH)  
→ FS 170°C x 1 minute

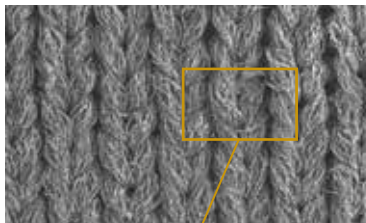
PET-assumed processing: PS 190°C for 1 minute under 50% stretch  
→ 130°C during 30 minutes of boiling (sodium acetate trihydrate 1g/L, adjusted to pH)  
→ FS 170°C for 1 minute

**Comparison of fabric surfaces after repeated dyeing**

— Fabric using ROICA™ HP —



— Fabric using basic ROICA™ —



Yarn breakage

Some of the yarn breakage were observed in the fabric using basic ROICA™

[ Sample for comparison ]

Single jersey

PET(W)84dt/72f(SD) × ROICA™ HP 22dt(PET91%,PU9%)

PET(W)84dt/72f(SD) × Basic ROICA™ 22dt(PET91%,PU9%)