



THE SOLUTION FOR SUSTAINABILITY



Sustainable choices that light up the future

ECOSOL™ is a polyester yarn that is colored by blending pigments into the yarn during the spinning stage.

Since the color pigments are applied at the yarn spinning stage, no dyes are required in the piece dyeing process.

The textile dyeing process requires large amounts of water and energy, and the fashion industry generates about 20% of the world's approximately 79 trillion liters of industrial wastewater annually.

ECOSOL™ is a sustainable material that offers a solution to environmental issues by reducing water consumption and CO2 emissions generated in the manufacturing process.



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FEATURES

● SUSTAINABILITY

Compared to the piece dyeing, fabrics using ECOSOL™ not only reduce CO2 emissions and water consumption, but also improve processing efficiency by significantly reducing fabric processing time.



CO2 emissions during fabric processing : up to 67% reduction



Water consumption during fabric processing : up to 40% reduction



Processing time : approx. 70% reduction

* Figures are based on our calculations and representative items.

● HIGH FASTNESS

Since the color is applied at the yarn spinning stage, dye stuff is not used, making it difficult to lose color and prolonging the life of the fabric.

Strength of ECOSOL

● A WIDE VARIETY OF PRODUCTS

SDY,DTY, Taslan, melange, microfiber, melt yarn and recycled materials can be used as materials for the yarn.

CHORI CO., LTD. Textile Division is certified to the Global Recycled Standard (GRS).



Certified by Intertek Testing Services NA, Inc. 154017-GRS

● RELIABLE SUPPLY SYSTEM

- Integrated testing from yarn twisting, weaving, knitting to processing is possible.
- Quality control system by local subsidiaries at each production site.
- Annual handling volume of over 7,000 tons.

● USE



CAR SEAT



HOME TEXTILE



UNIFORM



SPORTS



APPAREL

