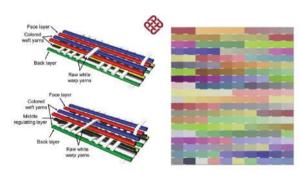
Enhance Technology that Simplifies Production for Graphic Fabrics 先進、低成本、綠色環保的多色緯紗製造技術

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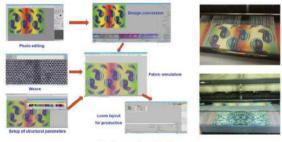
Special features 技術特點

- ▶ Novel weft-backed structures for maximizing the presentation of weftyarn color mixing effect and minimizing the white-warp effect on the fabric performance 新型緯重織物結構
- ▶ Elimination of special preparation of warps for multicolored-warps and reduction of complex of the process and production cost 高效靈活的設計和生產技術



Weft-backed fabric structure

Simulation of color/weave database



Design and production



Colorful and graphic textiles

Colorful and graphic fabric produced by using coloredyarns represents high technology and high value-added product that are widely used for fashion, home furnishings and decorations. However, the existing manufacturing methods for colorful and graphic fabric by using both multicolored warp and weft yarns include a complex yarn preparation process, which results in the great increase of production cost and the lowering of the flexibility of fabric design and production.

This new manufacturing technology based on a raw-white-warp and multi-colored weft approach offers a new technique feasible, cost-effective and sustainable technology for colorful and graphic fabric. Including the optimal weft color combinations for full-color creation and presentation and new color / weave databases for creating color and figure.

Potential application areas for this innovation can be high-end / high-quality fashion, home furnishing and decoration industries.

有色紗線生產的面料是一種高附加值產品。現有使用 多色經緯紗的技術,工序複雜,導致成本增加,生產 的靈活性降低。理大團隊發明了新技術以採用原色經 和多色緯紗以建立最佳緯紗顏色組合,新穎的織物結 構,編織顏色數據庫以及生產方法。此先進技術可降

低生產成本及減少對環境的影響,可應用於高品質服裝、家用紡織品和裝飾用品等等。





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