

FOAM DYEING AND FINISHING – AN ECO -FRIENDLY TECHNOLOGY

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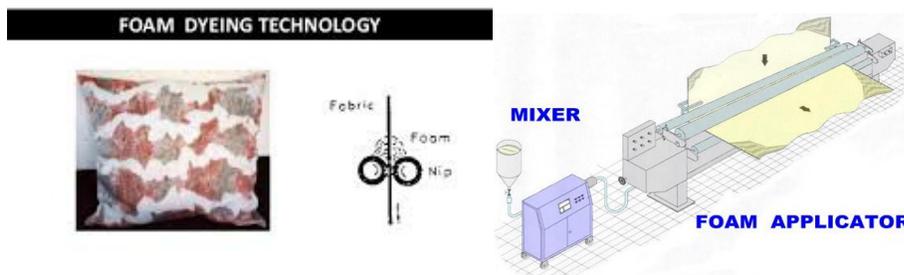


Introduction

A wet processing technology which uses air in form of dispersion foam for the media of application is called foam finishing. Foam dyeing and finishing of textiles is an attractive technology in terms of save energy. It has a wide application on cotton, synthetic fibers and their blends. Any type of finish can be obtained using foam finishing technology.

Foam Dyeing and Finishing

The process consists of mechanically forming a suitable dye and finishing formulation and then applying the foam to textile fabrics. Collapse of the foam distributes the dye and finishes on the substrate. The fabric is then subjected to conventional drying and finishing operations.



Advantages

- Saves energy and chemicals and hence cost.
- Improve production efficiency due to higher speed of fabrics, low liquor content and reduced processes.
- Improves hand feels of fabrics, reduces the loss of fiber strength and improves the product quality.
- Different types of finishing chemicals can be applied simultaneously to both sides of the fabric of high GSM.
- Reducing environmental pollution has good social and ecological benefits.

Disadvantages

- High capital equipment cost.
- Greater care and skill is necessary.

Wishing you a great week ahead!

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