

LOWER HEAT, BETTER FABRICS.

Efficient heat-setting for brighter colors, better whiteness and a softer hand.

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LYCRA® EASY SET

ENHANCED HEAT-SETTING PERFORMANCE

LYCRA® EASY SET technology reduces the heat exposure required to stabilize a fabric and allows manufacturers to produce fabrics of better quality in terms of improved whiteness, brighter colors and a softer hand. The technology is based on LYCRA® T562B fiber, which was specially developed for knit and woven fabrics containing heat-sensitive fibers such as cotton, rayon, lyocell, wool, silk, acetate, acrylic, and nylon.

ATTRIBUTES	KEY BENEFITS
Enhance heat-setting performance	Improved whiteness & brighter colors
	Free cut
	Softer hand
Use less energy in processing	Enable reduced resource usage and production cost

HOW IT'S DONE

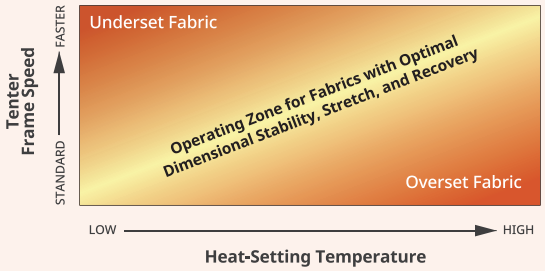
Fabrics heat-set more readily with LYCRA® T562B fiber than with conventional elastane.

Manufacturers can reduce heat-setting temperature to maximize energy savings, or heat-set at standard temperatures while increasing tenter frame speed to maximize throughput. (See figure 1.) Either way, fabrics with LYCRA® T562B fiber can be fully heat-set without scorching the primary fiber.

LYCRA® T562B fiber is also ideal for fabric intended for molded garments such as bra cups. At reduced molding temperature and/or residence time, LCYRA® T562B fiber produces a full, deep cup with good whiteness or color retention, and good shape retention. (See figure 2.)

Figure 1

RELEVANCE BETWEEN TEMPERATURE & TENTER FRAME SPEED WITH LYCRA® T562B FIBER



NOTE:
This chart is conceptual only. Manufacturers should determine through actual trials which temperature, frame speed, and fabric dimensions at the frame entrance give the best results.

SUGGESTED END USES

LYCRA® EASY SET technology is suitable for most stretch fabrics containing sensitive fibers. These include:

- Circular knit and warp knit fabrics for intimate apparel in which good fabric uniformity, whiteness, and brightness are required
- Woven fabrics for ready-to-wear applications in which fabric hand is as important as fabric growth or shrinkage
- Fabrics that are molded to shape, as with bra cups

Figure 2

MOLDING PERFORMANCE IN BRA CUPS AT 175° FOR 45 SECONDS



With conventional elastane | With LYCRA® T562B fiber

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