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Product Quality Analysis of Onesies

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The purpose of this project was to determine how garment construction affects product quality, performance, fit, and cost.

Onesies from four different brands were evaluated for construction, sizing and fit, and cost. Garment labels were reviewed for description of labels, fiber content, RN number, country of origin, care requirements, and extra voluntary information. Sizing specifications were evaluated by measuring the chest, waist, hips, sleeve length, leg in-seam, and garment length. Measurements were taken on the original unwashed garment and garment that was washed ten times for each brand. Cost sheets were completed for each onesie by examining the garments for materials, trimmings, and construction. Construction characteristics were evaluated to determine construction techniques for stitch and seam types. Design and fit characteristics were evaluated for shaping methods and styling.

The data indicates there are many differences between the onesies. They are all 0-12-month footie onesies. However, the quality of each onesie varies based on design and production. Each onesie was constructed with different types of seams, as well as different types of stitching, some including ornamental stitching. Production and cost wise, each of the garments have different costs from production. Sizing and fit are important factors when it comes to the garment quality and fit. There are not any industry standards for sizing measurements, but all the garments were relatively close in starting size except Carter's Just One You, which was substantially smaller. Each of the garments shrunk in some capacity after being washed, but some much more than others because of quality.

In conclusion, the onesie that performed the best in durability, cost, and production was the Carter's Child of Mine.