

**Golden Memory™
Down Alternative Pillow
Information Booklet**

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Down Alternative Pillow**

We recycled 84,000 ♻️ bottles to
produce one trailer-load of
Eco-Smart Pillows...

SMART? We think so.

Sleep is Golden™ - The Environment is Priceless

ECO-SMART PILLOWS

The Eco-Smart Story

Eco-Smart is a polyester fiber that has been developed from 100% recycled plastic PET bottles. It has been processed into an extremely high quality fiberfill that may be used in a couple of different formats for traditional polyester filled textile products.

Eco-Smart fiberfill is structurally almost identical to non recycled polyester fiberfill; however, Eco-Smart is made without depleting the earth's natural resources.

As a general rule 10 bottles will equal one pound of fiber. Consequently the typical Standard pillow will use almost fourteen bottles to create the fiberfill it utilizes.

Results of marketing products made Eco-Smart Polyester Fiber?

Purchasing products made from Eco-Smart fiber is for customers who are looking for green, environmentally friendly products.

Manufacturing products across a number of industries utilizing recycled PET bottles has the potential to keep as many as four billion bottles out of landfills worldwide. This would reduce petroleum use by as much as 450,000 barrels of oil. This would reduce emissions that are harmful by many hundreds of thousands of tons, thus reducing smog and the potential for global warming.

The development of polyester fiber from PET bottles is truly a sustainable process, environmentally friendly and purchasing products made from Eco-Smart polyester fiber is morally correct for the environment.

More info on the web:

http://en.wikipedia.org/wiki/Recycling_of_PET_Bottles

CLUSTER FIBER PILLOW “MYRTLE” PROCEDURES

Equipment - *Myrtle*

A table with a parallel board hovering approximately 10.5” at its peak height (measured at bottom of board), held in place by a cable and four posts. The cable is attached to a motor that makes revolutions causing the board to lift and fall. The board is weighted (40 lbs.) so that it compresses the pillow during a cycle when it is allowed to fall gliding along the posts. An electronic counter tallies the revolutions and shuts off the machine when the specified count has been met.



Settings

1770 cycles per hour or approximately 29.5 cycles per minute

Test Procedure

1. The loft of the pillow is measured initially.
2. Pillow is placed in “Myrtle” and the counter is set. Machine is started.
3. When cycles are complete, pillow is removed and allowed to relax for approximately 30 minutes before measuring ending loft.

Note: 25,000 cycles were used in compressing the cluster pillow. Pillows were then laundered 25 cycles using attached laundering procedures.

CLUSTER FIBER PILLOW LAUNDERING PROCEDURES

Equipment

Maytag Neptune Horizontal Axis Washing Machine – Model # MAH7500AWW

Kenmore 80 Series Dryer – Model # 110.64832400

Settings

Washer:

Cotton/Sturdy

Warm Wash (104F measured in tub), Cold Rinse (73F)

Soil: Quick Wash

TOTAL TIME – 26 min.

Dryer:

Timed Dry

Temperature: Medium/Normal/Permanent Press (160F Peak)

TOTAL TIME – 40 min.

Test Procedure

- 1) Pillow is loaded into washing machine, settings adjusted, and approximately 5 grams of Tide detergent added to dispenser. Cycle is started.
- 2) Pillow is loaded into dryer, settings adjusted, and cycle is started.
- 3) Continue for 25 complete launderings.