Garnetted Polyester Batting Characteristics

The function of batting in soft home products is to provide warmth and aesthetics. Batting must:

- Provide a reasonable level of performance during product's service life
- Withstand customer use and maintain structural integrity
- Endure the specified cleaning conditions

Required batting characteristics:

- High loft
 - For specified fill weights of 6.0 oz/sq yd or lighter 1 1/2"H minimum
 - For specified fill weights heavier than 6.0 oz/sq yd 2"H minimum
- Level height throughout
- Low density
- Appropriate blend of siliconized and dry fiber
- Meets the specified fill weight for the brand
- Level weight throughout

Properties that determine batting characteristics:

- Fiber denier
- Fiber cross-sectional shape
- Fiber cut length
- Fiber type (dry vs. siliconized)
- Fiber crimp
- Bonding technology (i.e. low melt fiber (thermal), binder (chemical), etc...)

Additional Bonded Requirements:

- Appropriate percentage of low melt fiber that is well distributed, to provide even bonding throughout (Note: heavy chemical binder at the surface is not acceptable)
- Not prone to bearding (fiber migration) through the surface of the accompanying fabric
- Fiber:
 - 5-6 Denier
 - 2D Mechanical Crimp or 3D Conjugated Crimp

Additional Non-Bonded (Down Alternative) Requirements:

- Slickener to reduce friction
- Fiber:
 - 2-3 Denier
 - 3D Conjugated Crimp or 3D Omega Crimp

Defects:

- Unacceptable loft variation
- Unacceptable weight variation
- Discontinuous crosslap
- Excessive binder at surface

- Two plies to achieve total weight
- Excessive bonding
- Insufficient bonding at core
- Poor wash performance

How to Weigh Batting

We take multiple cuttings from the filled item to achieve an average fill weight.

The circles we cut are 2 11/16" (just under 2 7/8") diameter, the same sized cutting as used when weighing fabric. Our scale is calibrated to accurately weigh those sized cuttings to identify the oz/sq yd which we then convert to gsm by multiplying by 33.91. Refer to the <u>How to Weigh Batting</u> video on K-Link.

We take cuttings across all quadrants of the filled product. Refer to the grids below for the correct cutting positions. This method gives a good indication of the levelness of the batting. We then weigh all the cuttings and calculate the average weight.

NOTE: we remove all scrims and sewing threads before we take the weight of each cutting to prevent extra weight from being added.

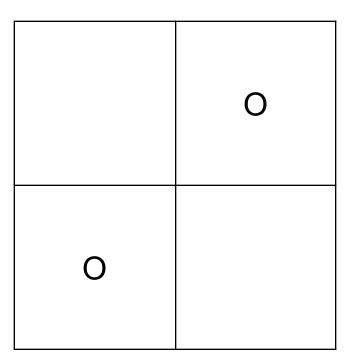
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Comforter / Quilt / Bedspread

Sham/Euro Sham

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Dec Pillow



Season:Date Reviewed:	Season:Date Reviewed:
Product:	Product:
Vendor:	Vendor:
Spec Weight:	Spec Weight:
Actual Weight	Actual Weight
- Punch 1	- Punch 1
- Punch 2	- Punch 2
- Punch 3	- Punch 3
- Punch 4	- Punch 4
Average Weight:	Average Weight: