Calculation of minimum proportions of materials with specific requirements (product)

To phases D, E F test program

The calculation is made according to the following methodology:

1. Fabrics

1.1. All textile fabrics (lining and main fabrics) are used as a basis for the calculation. In the first step, the textile area is determined for each fabric. The actual substance consumption in the product is calculated.
The **textile area per fabric** is determined according to the formula **fabric width x fabric consumption (length) x material efficiency** .

1.2. In the second step, the results of the individual **textile surfaces per substance** are summed up **to form** the total textile area.

1.3. In the third step, the **textile surfaces per fabric** that meet the requirements defined in (ID E1) and (ID E2) are now summed up. This results in the **textile surface according to the requirements**.

1.4. In the last step, the percentage of **the textile area is now calculated according** to the requirements of the **total textile area**. The result corresponds to the **proportion of area according to the requirement**. Formula:

Textile area according to requirement / total textile area * 100 = proportion of area according to requirement (%)

If this value reaches or exceeds the minimum proportion of textile area in the final product as defined in the corresponding product class, the requirement is considered to be met.

2. Ingredients (trims)

2.1. All ingredients are used as a basis for the calculation. Non-textile product components (out of scope) are not taken into account.

2.2. When calculating the minimum ingredient percentages, the percentage **of ingredients in** the **total number of ingredients** is determined as required .

2.3. In the first step, the total, relevant number of ingredients is determined using the BOM (Bill of Materials) **(total number of ingredients).** Positions of the same

nature, origin and composition are each counted as one position. See the following examples:

2.3.1. If ingredient items are listed multiple times in the BOM due to different colors, but have the same item number, they are counted as one BOM item.

2.3.2. If ingredient items are listed multiple times in the BOM due to different embroideries (e.g. thread), they are counted as one BOM.

2.3.3. If ingredient items are listed multiple times in the BOM due to different sizes and statements (e.g. labels), they are counted as one BOM item.

2.3.4. In the case of products that consist of several individual products (e.g. double jackets), the individual parts lists are combined into an overarching parts list during evaluation.

2.3.5. If trim positions are listed multiple times in the BOM due to different sizes but the same functionality (e.g. clasps or bands), they are counted as one position.

2.3.6. For closures, Male and Female count as different positions.

2.3.7. In the case of Velcro, the hard part and soft part each count as one BOM position, regardless of how often they are used in the product.

2.4. In the second step, the number of ingredients (according to the calculation methodology from point 2.3) that meet the requirements defined in (ID E1) and (ID E2) **is determined (number of ingredients according to the requirement).**

2.5. In the last step, the percentage of the number of **ingredients in the** total number of ingredients **is calculated according to the** requirement . The result corresponds to the **proportion of ingredients according to the requirement**. Formula:

Number of ingredients according to requirement / Total number of ingredients * 100 = proportion of ingredients according to requirement (%).

If this value reaches or exceeds the minimum proportion of ingredients in the final product as defined in the corresponding commodity class, the requirement is considered to be met.

2.6. To simplify the methodology, a fixed number of ingredients to be achieved applies under 10 BOM items according to the requirements. See the following table:

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Number of Ingredients Positions	Required minimum number of ingredients according to requirements
1	0
2	1
3	1
4	1
5	1
6	2
7	2
8	3
9	3