

## Quality Certificate **BOBBY FIL 110 L**

- |    |                        |                                            |                   |                |
|----|------------------------|--------------------------------------------|-------------------|----------------|
| 1. | Fibers:                | 100% Polyester                             |                   |                |
| 2. | Make-up (bobbins):     | white / black 120 m                        |                   |                |
| 3. | Thread count:          | dtex 84/2 / Nm 120/2<br>Ne 71/2 / den 75/2 |                   |                |
| 4. | Weights:               | 2,4 g each spool<br>m/kg 55.000            |                   |                |
| 5. | Fastnesses:            | <b>Norms</b>                               | <b>Parameters</b> |                |
|    | <b>to water</b>        | ISO 105 E 01<br>(DIN 54006)                | stringent         | 4 - 5          |
|    | <b>to laundering</b>   | ISO 105 C 06<br>(DIN 54017)                | 60°C<br>90°C      | 5<br>4 - 5     |
|    | <b>to rubbing</b>      | ISO 105 X 12<br>(DIN 54021)                | dry<br>wet        | 4 - 5<br>4 - 5 |
|    | <b>to perspiration</b> | ISO 105 E 04<br>(DIN 54020)                | acid<br>alkaline  | 4 - 5<br>4 - 5 |
|    | <b>to light</b>        | ISO 105 B 01/02<br>(DIN 54003/04)          | xenon light       | 5              |
|    | <b>to ironing</b>      | ISO 105 X 11<br>(DIN 54022)                |                   | 4 - 5          |
|    | <b>to chlorine:</b>    |                                            |                   |                |
|    | * Chlorine solution    | ISO 105 E 03                               |                   | 4 - 5          |
| 6. | Shrinkage              | KSK 0215                                   | %                 | 1 - 2          |
| 7. | Breaking strength      | ISO 2062                                   | cN/Tex            | 70,6 +/- 5 %   |
| 8. | Elongation             | ISO 2062                                   | %                 | 20,4 +/- 5 %   |
| 9. | Care instructions:     |                                            |                   |                |



The quality of **BOBBY FIL 110 L** embroidery thread is constantly and strictly controlled. From the raw fiber to twisting and dyeing, all the way to the end product, quality standards must be met. In this way you are sure that you always receive a high quality thread.