

# MADEIRA

## Technical Datasheet

03.2022

### ROYAL

Article Description	Prewound Bobbin Thread
Composition	100% polyester [ filament ]
Count	dtex 75 x 2 / den 70 x 2
Make up available	white: 144 pcs x ca.123 m / 134 yd, style L black: 144 pcs x ca.113 m / 124 yd, style L

#### Fastness rating | Scale from 1 (worst) to 5 (best)

Fastness to washing (at 95 °C)	DIN EN ISO 105-C04 / M & S C4A	4 - 5
Fastness to water (4 hrs at 37 °C)	DIN EN ISO 105-E01 / M & S C6	4 - 5
Fastness to rubbing dry (10 x rubs on dry white fabric)	DIN EN ISO 105-X12 / M & S C8	4
Fastness to rubbing wet (10 x rubs on wet white fabric)	DIN EN ISO 105-X12 / M & S C8	3 - 4
Fastness to dry cleaning	DIN EN ISO 105-D01	4 - 5
Fastness to bleaching with hypochlorite	DIN EN ISO 105-N01	4 - 5
Determination of the colourfastness of articles for common use	Part 1: Test with artificial saliva DIN 53160-1	4 - 5
	Part 2: Test with artificial sweat DIN 53160-2	4 - 5

#### Fastness rating | Scale from 1 (worst) to 8 (best)

Fastness to light from xenon arc lamp (100 hrs)	DIN EN ISO 105-B02	6 - 7
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Due to the dyes, this rating cannot be achieved for all colours.

#### Mechanical–technological values

Single-end breaking force (tensile force until the thread breaks)	DIN EN ISO 2062	ca. 700 cN
Elongation at break	DIN EN ISO 2062	ca. 15 %
Shrinkage in boiling water	DIN 53866 T2	< 1 %

#### Recommendations for care



△ max. 20 g/l active chlorine - max. 30 °C - max. 30 min

#### Certification

STANDARD 100 by OEKO-TEX®, Annex 4, product class I



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