

# MADEIRA

## Technical Datasheet

01.2024

### Polyneon Green No. 40

Article Description	Machine Embroidery Thread
Composition	100% polyester [filament; recycled]
Count	135 dtex x 2 / 120 den x 2
Make up available	5000 m cone
Recommended needle size	60/8 – 75/11

#### 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
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. 1300 cN
Elongation at break	DIN EN ISO 2062	ca. 28 %
Shrinkage in boiling water	DIN 53866 T2	< 1 %
Meltingpoint		>240°C

#### Recommendations for care



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

Shade card no.

85

#### Certification



**STANDARD  
100**  
21.0.57435  
Hohenstein HTTI



100 % GRS recycled polyester  
Certified by ECOCERT Greenlife, Licence number 240979  
Learn more at [TextileExchange.org/Standards](https://TextileExchange.org/Standards)

STANDARD 100 by OEKO-TEX®, Annex 6, product class I

To improve this product Madeira reserves the right to alter the specifications or modify the appearance of products without notice. Information and technical data in this document are guidelines and no warranted characteristics. Small variations due to production process are possible.

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