

# MADEIRA

## Technical Datasheet

04.2022

### Polyneon No. 75

Article Description	Machine Embroidery Thread
Composition	100% polyester [ filament ]
Count	55 dtex x 2 / 50 den x 2
Make up available	2500 m Spule & 10.000 m cone (in black u. white)
Recommended needle size	60/8

#### 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
---	--------------------	---

This rating only applies to colors we dye especially to meet the standards of the automotive industry. If you work in this sector, please ask for the list of colors. Other colors currently have a lower fastness to light.

#### 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. 18 %
Shrinkage in boiling water	DIN 53866 T2	< 1 %
CHMELUPOINT		> 240 °C

#### Recommendations for care



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

**Polyneon No. 75 is suitable for industrial reprocessing**

Shade card no.	85
----------------	----

#### Certification



STANDARD 100 by OEKO-TEX®, Annex 4, 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.

MADEIRA Garnfabrik  
Rudolf Schmidt KG

Zinkmattenstraße 38  
D-79108 Freiburg

Tel.: +49 (0) 761 – 51 04 00  
E-Mail: [service@madeira.de](mailto:service@madeira.de)

**MADEIRA**