

MADEIRA

Technical Datasheet

04.2022

Supertwist No. 30

Article Description	Machine Embroidery Thread
Composition	70% polyamide, 30% metallised polyester
Count	dtex 180 / den 160
Make up available	1000 m spool & 5000 m cone; opal-color: approx. 900 m spool
Recommended needle size	90/14 - 80/12 (special needle with size 90 eye)

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

Fastness to washing (at 60 °C)	DIN EN ISO 105-C03/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
Due to the used dye chemicals this rating cannot be achieved for all colors.		
Fastness to rubbing wet (10 x rubs on wet white fabric)	DIN EN ISO 105-X12/M & S C8	3 - 4
Due to the used dye chemicals this rating cannot be achieved for all colors.		
Fastness to dry cleaning	DIN EN ISO 105-D01	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	5 - 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. 550 cN
Elongation at break	DIN EN ISO 2062	ca. 30 %
Shrinkage (shrinkage at boiling water)	DIN 53866 T2	< 1 %

Special note:

All colors of the Supertwist No. 30 range are resistant to oxidation.

Recommendations for care



Shade card no.

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Certification

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



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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