

MADEIRA

Technical Datasheet

05.09.2019

POLYNEON No.40

Article Description	Machine Embroidery Thread
Composition	100% polyester filament
Count	135 dtex x 2 / 120 den x 2
Make Up Available	1000m spool / 5000m cone
Recommended needle size	60/8 – 75/11

Fastness Rating – Scale 1 (worst) – 5 (best)

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

Fastness Rating – Scale 1 (worst) – 8 (best)

Fastness to light (100hrs xenon light)	DIN EN ISO 105-B02	6-8
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“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

Tensile Strength cN (force until thread breaks, in Centinewton)	DIN EN ISO 2062	ca.1200cN
Elongation (% of stretch extension with weight tension until breaks)		ca.25%
Shrinkage (shrinkage at boiling water)	DIN 53866 T2	< 1%
Melting point		>240°C

Recommendations for care



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

Polyneon No.40 is suitable for industrial laundry.

Color Card No.

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Oeko-Tex



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.