

MADEIRA

Technical Datasheet

05.02.2019

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

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
Fastness to saliva and perspiration according to § 35 LMBG		fast

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.1200
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.

83

Öko-Tex:



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