100% MATTE POLYESTER EMBROIDERY THREAD

Duramatt®

Durak Duramatt® is a soft polyester embroidery thread with high light fastness. Its fastness values are three times higher than other polyester embroidery threads. Duramatt® has lasting colors and does not fade easily. For this reason, it is recommended to be used on surfaces that will be exposed to sunlight for a long time. Special finishing processes that increase embroidery performance, its regular structure, high light fastness and matte colors make a difference. This is not affected by normal washing or dry cleaning. DURAK Duramatt® also increases the production efficiency by increasing the color harmony and embroidery quality of your products.

Product Properties

- ➲ Matte appearance
- ➲ High tenacity
- ➲ Increases production efficiency
- ➲ Provides hig color fastness and abrasion resistance

Duramatt®

Areas of Use

- ⊃ **Ready-made garments**
- ⊃ **Hand embroidery**
- ⊃ **Decorative items**
- ⊃ **Shoes**
- ⊃ **Bags**
- ⊃ **Home Textile**

Physical Properties

Melts at 260°C and softens at 220 - 240°C.
Shrinkage is less than 1% at 150°C.

Chemical Properties

Mineral acids: Resistant against most mineral acids.

Alkalis: Unaffected by weak alkalis, moderately resistant to strong alkalis.

Organic solvents: Unaffected by normal solvents, soluble in some phenolic compounds.

Bleaching: Unaffected.

Microorganisms (Mildew/Rot): Unaffected.

Washing / Dry Cleaning: Unaffected.

Moisture regain: %0.4

Presentation

Durak Duramatt® is offered a wide color range with a suitable thickness (tkt.50) for embroidery applications.

Color Fastness

Washing fastness at 60°C	ISO 105 C06	Min. 4
Water fastness	ISO 105 E01	Min. 4
Friction fastness	ISO 105 X12	Min. 4
Hypochlorite fastness	ISO 105 N01	Min. 4
Dry cleaning fastness	ISO 105 D01	Min. 4
Perspiration fastness	ISO 105 E04	Min. 4
Artificial light fastness	ISO 105 B02	Min. 6

Storage Conditions

Must be stored away from heat, humidity and direct sunlight.

60°C   CI   2 gr/lt   P

Duramatt®

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Thickness and Strength Chart

Ticket No.	Nominal Tex	Strength CN	Elongation %	Needle Size (Nm)
50	15	700	20 - 30	60 - 75