



TECHNICAL INFORMATION

SEGACEL T50 (T)

Developed for PES and PES/CO yarns post staining wash processes of woven and knitted fabrics.

- Levelling–dispersing agent for the dyeing of yarns and PES products specially effective in the dyeing of winding products.
- It is a products that takes place reductive washing after disperse dyeing and disperse + reactive dyeing.
- In single batch of disperse and reactive dyeing combination in PES/CO fabrics, Segacel T50 (T) improves cleaning performance of dyes.(Wash fastness can be improved)
- The process is also shortened cause of elimination of reductive washing. Also environmental harmful products like hydrosulphite etc. not used in process.
- Consumption of water and energy is also reduced.
- Does not contain APEO.
- Not affect fabric color.

PROPERTIES

Chemical Structure	Polyester water soluble resin
Appearance	Yellowish slightly turbid liquid
Ionic Character	Anionic
pH	5.0–7.0
Solubility	Soluble with water at any ratio
Compatibility	Generally compatible with anionic and nonionic chemicals. Preliminary examination is recommended before using.
Density	1.09 +/- 0.05 g/cm ³
Stability	Stable to hard water, acids, alkaline and electrolytes.

APPLICATION

• Padding and Exhaust Application

After disperse dyeing, reactive dyeing is carried out without reductive washing. After the reactive dyeing is completed, neutralized, cold, warm washings are carried out respectively. Then Segacel T-50 (T) 1–2 g / L is added to the bath and boiling is started. Bath pH range should be 5–7,5. Both Pes and Co fibers are cleaned. If desired, only 2–3 g / L of Segacel T-50 (T) is used depending on the color strength, instead of reductive washing in single Pes stain. In addition, there is no need for a reductive washing.

Segacel T-50 (T) can be used in the range of 0.5 – 3.0 g / L depending on the bath volume and the color of the fabric to be dyed.

NOTE:

Degradation of Segacel T50 (T) occurs in environments with high electrolyte concentration or pH> 8. For this reason, cold rinsing and neutralization must be done before Segacel T50 (T) washing.

PRECAUTIONS

Storage and handling: The storage life in original package at 0–40 °C is 12 months.



Safety usage and transportation: When standard hygiene and operating rules are adhered to, Segacel T-50 (T) The concentrate does not cause any damage. However, the product should be washed with water in direct or prolonged contact with the skin or in the event of splashes.

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