BRILLIANT COLOURS AND COLOUR EFFECTS

DANUFIL® DEEP DYE – Cationic Fibre for Colourful Textiles

Danufil® Deep Dye is a cationically active viscose fibre. Its **high dye pickup capacity and speed** allow the fibre do be dyed more quickly, to **more intense colours** in a more **environmentally friendly** process than it is possible with standard viscose. Dyeing effects can be achieved in 100% cellulosic fabrics.

Deep Dye's outstanding dye pickup gives textiles **impressive colour brilliance** and good wet and wash fastness even without post-treatment.
Higher dyestuff yields can be achieved than with standard viscose using less or no salt. Reduced dyeing times allow **increased throughput** and **energy savings**. **Less water** in the dyeing process also saves costs for wastewater treatment.
The high dye pickup of Deep Dye allows a **high dyeing versatility**. Dyeing in blends with Polyester is possible using the Polyester dyeing conditions. Dyeing with **acidic or metal complex dyestuffs**, also in blends with wool and polyamide, is possible just as generating **dyeing effects** like melange effects by piece dyeing of blends with other cellulosic fibres.
For detailed information about dyeing of Deep Dye please refer to our technical information sheet.
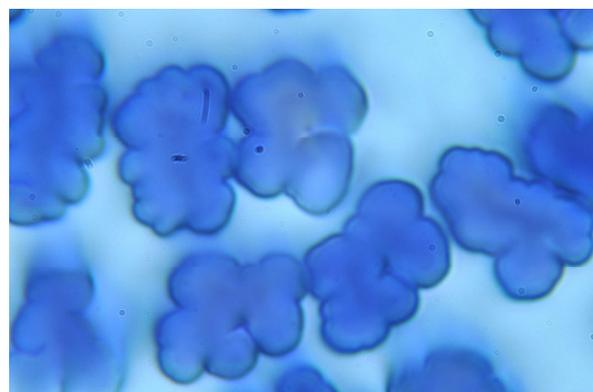
Applications of Deep Dye are:
- Effect yarns
- Apparel and home textiles
- Technical textiles

Processing of Deep Dye is possible on all common textile processing technologies.

Cross-Section

Brilliant colours

Availability

Decitex	Staple (mm)	Lustre
1.3	40	bright

Other dtex/staple lengths available on request

Piece dyed fabrics, 85/15 blend
Viscose / Danufil® Deep Dye

Property Profile

Fibre property	Unit	Danufil® Deep Dye
Tenacity	cN/tex	18 - 28
Elongation at break	%	14 - 26

For more information about our products please email to: functionalfibres@kelheim-fibres.com or call Germany +49-9441-99 219. Please visit also our website www.kelheim-fibres.com .   08/2014