

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 to 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.

DANUFIL® 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 DANUFIL® 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 DANUFIL® DEEP DYE please refer to our technical information sheet.

Applications of DANUFIL® DEEP DYE are:

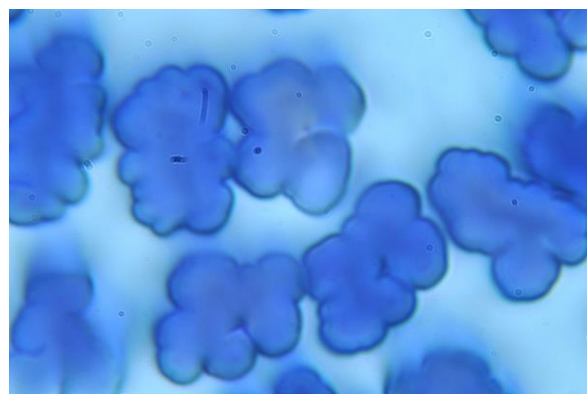
- Effect yarns
- Apparel and home textiles
- Technical textiles

Processing of DANUFIL® DEEP DYE is possible on all

**Piece dyed fabrics, 85/15 blend
VISCOSE / DANUFIL® DEEP DYE**



Cross-Section of DANUFIL® DEEP DYE



Brilliant colours



iStock.com/AnikaSalsera

Availability

Decitex	Cutting length (mm)	Lustre
1,3	40	bright

Other dtex / cutting length lengths available on request

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: sales@kelheim-fibres.com or call Germany +49 9441 99-519. Please visit also our website: www.kelheim-fibres.com

07/2018