

Deep Dye – for more or less colour?

Deep Dye is a cationically activated viscose fibre. It has more than 10 times the dye-pickup capacity and dye-pickup speed of standard viscose.

Deep Dye gives brilliant colours and colour effects. Furthermore Deep Dye reduces costs and protects the environment by saving time, dyestuff, water and energy.

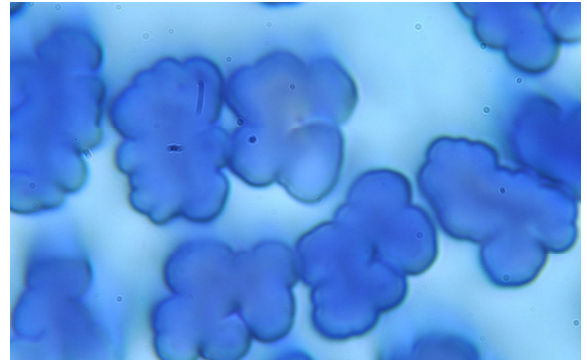
Deep Dye's high affinity for dyestuffs can be used to remove unwanted dye from aqueous media for example in washing machines or from dyehouse effluents.

Applications:

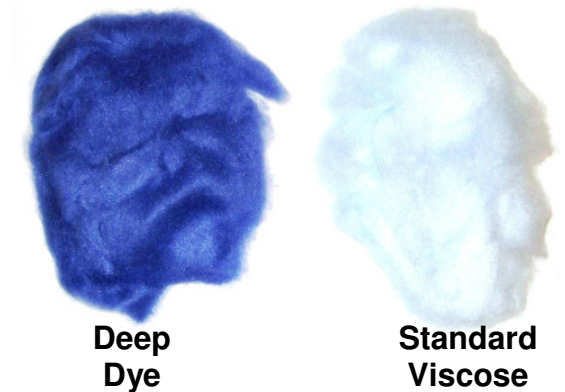
- Deep Dye can be used in 100% or in blends with other natural or synthetic fibres for:
- More efficient dyeing of textiles, for example one-bath-dyeing of polyester blends.
 - Special dyeing effects such as melanges and cross dyes
 - Replacement of cationic cotton
 - Colour catching sheets for laundry

Processing:

Deep Dye can be processed on on all textile, nonwovens and wetlaid technologies.



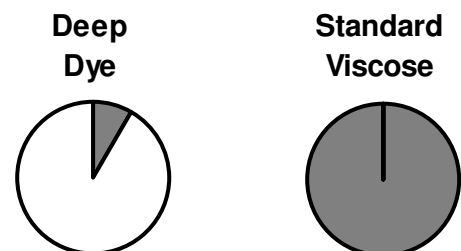
Deep Dye cross section



Deep Dye

Standard Viscose

Dyeing Time



Properties / Availability:

Tenacity (cN / tex)		20 – 28
Elongation at break (%)		15 – 23
Colour pickup vs. standard viscose	capacity	~ 10 x higher
	speed	> 10 x higher

Decitex	1.3, 1.7
Staple (mm)	40, 60 tow
Wet short cut (mm)	3, 4, 5, 6, 8, 10, 12
Lustre	bright / matt

Other dtex / staple lengths are available on request.

For more information about our products please email to: functionalfibres@kelheim-fibres.com or call Germany +49-9441-99353. Please visit also our website www.kelheim-fibres.com . 09/2011

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