

DANUFIL® QR – QUAT REPELLENT FIBRE

DANUFIL® QR – For Disinfecting Wipes

The active substances in disinfecting wipes are often quaternary ammonium compounds, so-called "quats". So far, the use of standard viscose fibres in these disinfecting wipes has posed a significant problem in spite of their excellent fluid handling properties: the fibres bind quats which severely interferes with the wipes function.

The **DANUFIL® QR** is a positively charged viscose fibre that reduces this undesired effect to less than 20%. As a result, by far the largest portion of the quats is available for effective cleaning.

Applications:

DANUFIL® QR can be used in blends with other fibres like polyester, polypropylene or standard viscose in disinfecting and antibacterial wet wipes.

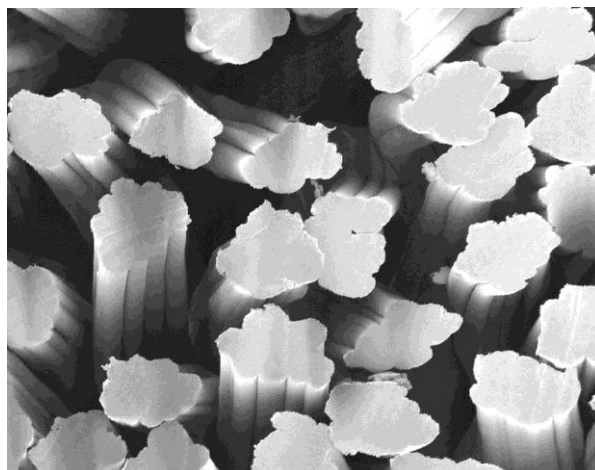
- High percentage of free quat in disinfecting wipes
- Homogenous distribution of lotion
- Good handfeel
- Made of 100% renewable raw materials
- Biodegradable

Processing:

DANUFIL® QR can be processed with all nonwoven technologies. Activation remains stable during spunlace process. Other than quats, no release of further substances.



Cross-Section of DANUFIL® QR



Availability

| Decitex | Cut length (mm) | lustre |
|---------|-----------------|--------|
| 1,3 | 40 - 60 | bright |
| 1,7 | 40 - 60 | bright |

Property Profile

| Fibre property | Unit | DANUFIL® QR |
|------------------------|--------|-------------|
| Tenacity | cN/tex | 18 - 26 |
| Elongation At Break | % | 14 - 26 |
| Water Holding Capacity | g/g | min. 18 |

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

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