

HIGH TENACITY FIBRES FOR SHORT STAPLE SPINNING

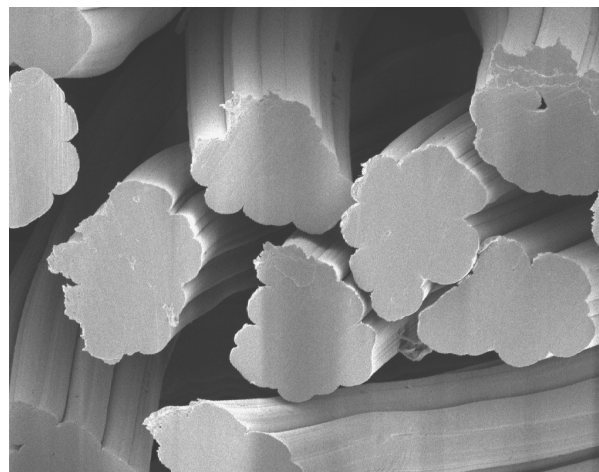
DANUFIL® F

DANUFIL® F is a viscose fibre for short staple spinning. It is manufactured in counts of 0.9 to 6.7 dtex, staple lengths of 40 to 60 mm and various lustres.

DANUFIL® F performs well on all common spinning technologies including ring, open end or air-jet spinning. The fine count fibres up to 1,7dtex are particularly recommended for fine count and high twist crepe yarns.

DANUFIL® F is designed for use in 100% or in blends with natural or man made fibres and suitable for various textile applications, apparel, furnishing, upholstery and technical fabrics.

Cross Section:



Availability:

Decitex	Staple (mm)	Lustre
0.9	40	Bright / Optical White
1.3	40	Bright / Matt/ Optical White
1.7	40, 50	Bright / Matt
2.4	40, 50, 60	Bright / Matt
3.3	40, 50, 60	Bright / Matt
6.7	60	Bright / Matt

Property Profile:

Fibre property	Unit	DANUFIL® F
Tenacity	cN/tex	> 24 > 22 spun dyed
Elongation	%	17 - 23

DANUFIL® F - SPUNDYED

DANUFIL® F-SPUNDYED combines the benefits of DANUFIL® F and the advantages of spundyed fibres. Colours are individually matched to customer specification, minimum quantity 5 tons per shade.

It offers high fastness properties such as light, bleaching, washing, rubbing, perspiration fastness.

DANUFIL® F-SPUNDYED is for use in 100% or opener or drawframe blending with natural or man made fibres.

For more information about our products please email to: textiles@kelheim-fibres.com or call Germany +49-9441-99597. Please visit also our website www.kelheim-fibres.com . 08/2014

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FIBRES FOR WORSTED OR SEMI-WORSTED SPINNING

DANUFIL® KTT – STRETCH BREAKING TOW

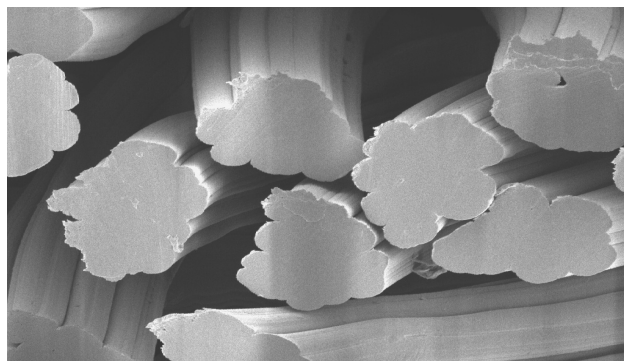
DANUFIL® KTT is a continuous viscose filament tow with a round lobed fibre cross-section. The tow is suitable for converting on stretch breaking machines, tow to tops.

The stretch broken tow is subsequently worsted spun in 100% or in blends with all natural and manmade fibres for weaving, tapestry yarns or hand and machine knitting

Products made from DANUFIL KTT are characterized by a wool-like character, especially distinguished by high volume, soft touch and distinctive lustre.

Slivers can be dyed by using the continuous or discontinuous tow dyeing process, but also tops-dyeing is common. KTT-tops have excellent dyeing properties on all common viscose dyestuffs.

DANUFIL® KTT is also available in **spun dyed**, the perfect combination of the benefits of DANUFIL®KTT and the advantages of spun dyed fibres. Excellent fastness results and brilliant shades are the strength of KTT spun dyed. Shades individually matched to customer specification at a minimum quantity of 5 tons per shade.



Availability:

Decitex	Staple (mm)	Lustre
0.9	100	Bright / Matt
1.7	121	Bright / Matt/ Spun dyed
3.3	135	Bright / Matt/ Spun dyed
5,0	135	Bright / Matt

The Micron of Danufil® KTT

Decitex	den	μ
0.9	0,81	8
1.7	1,53	11
3.3	3,0	16
5,0	4,5	20

Property Profile

Fibre property		Danufil® KTT
Tenacity dry	cN/tex	18 - 22
Elongation dry	%	18 - 25

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HIGH TENACITY FIBRES FOR SHORT STAPLE SPINNING

DANUFIL® F optical white

Cross Section:

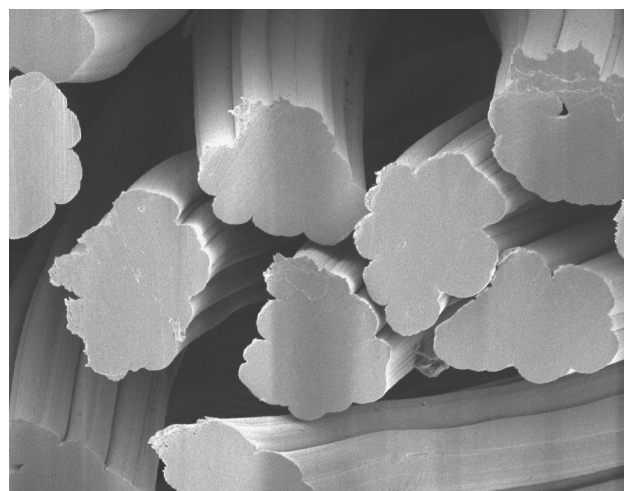
DANUFIL® F optical white is a viscose fibre for short staple spinning. It is manufactured in counts of 0.9 to 1.3 dtex, staple lengths of 40mm.

DANUFIL® F optical white performs well on all common spinning technologies including ring, open end or air-jet spinning.

DANUFIL® F optical white is designed for use in 100% or in blends with natural or man made fibres and suitable for apparel, furnishing, upholstery and technical fabrics.

DANUFIL® F optical white can be dyed and finished like a standard viscose fibre. Especially on light colours and pastel shades, more brilliant colourations can be achieved.

In order to prevent a yellowing of the fibre during finishing, we recommend not to exceed a fixation temperature of 180°C, 30 sec.



Availability:

Decitex	Staple (mm)	Lustre
0.9	40	Bright Optical White
1.3	40	Bright Optical White

Property Profile:

Fibre property	Unit	DANUFIL® optical white
Tenacity	cN/tex	> 22
Elongation	%	17 - 23
Fastness		
Light ISO 105-B02		3-4
Bleaching ISO 105-N02		4-5 (40°C)
Washing ISO 105-C03		4-5

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