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Cotton, 100%, Carded, Ring yarn, Package, Weaving
20 Ne

≤5%	6-25%	26-50%	51-75%	76-95%	>95%

Characteristic	Description	Value	Unit	USP™
Mass CS - USTER® TESTER				
CVm	Coefficient of variation of mass	14.11	[%]	25
CVm 1m	Coefficient of variation of mass 1m	4.18	[%]	25
CVm 3m	Coefficient of variation of mass 3m	3.18	[%]	25
CVm 10m	Coefficient of variation of mass 10m	2.29	[%]	25
CVb CVm	Coefficient of variation of mass, between	1.6	[%]	25
CVb C	Coefficient of variation of count, between	1	[%]	25
Imperfection CS - USTER® TESTER				
Thin -40%	Thin places -40%	78	[/km]	5
Thin -50%	Thin places -50%	2	[/km]	5
Thick +35%	Thick places +35%	462	[/km]	5
Thick +50%	Thick places +50%	58	[/km]	5
Neps +140%	Neps +140%	514	[/km]	5
Neps +200%	Neps +200%	66	[/km]	5
Hairiness OH / HL - USTER® TESTER				
H	Hairiness	8	[]	79
CVb H	Coefficient of variation of hairiness, between	3.4	[%]	50
sH	Standard deviation of hairiness	1.9	[]	50
S3u ⚠	Sum of Uster hairiness length classes longer than 3mm	6319	[/100m]	50
S1+2u ⚠	Sum of Uster hairiness length classes 1 and 2mm	27986	[/100m]	50
Strength and elongation - USTER® TENSORAPID				
FH	Breaking force	480	[cN]	50
RH	Tenacity	16.3	[cN/tex]	50
CVt RH	Coefficient of variation of tenacity, total	8.4	[%]	50
EH	Breaking elongation	5.8	[%]	50
CVt EH	Coefficient of variation of breaking elongation, total	7.7	[%]	50
WH	Work to break	717	[cNcm]	50
CVt WH	Coefficient of variation of work to break, total	13.6	[%]	50
Top classes - USTER® CLASSIMAT 5				
Top 9 ⚠	Top classes	6	[/100km]	75
Top 12 ⚠	Top 12 classes	34	[/100km]	75
Top 16 ⚠	Top 16 classes	70	[/100km]	75

Neps +200%

CVm
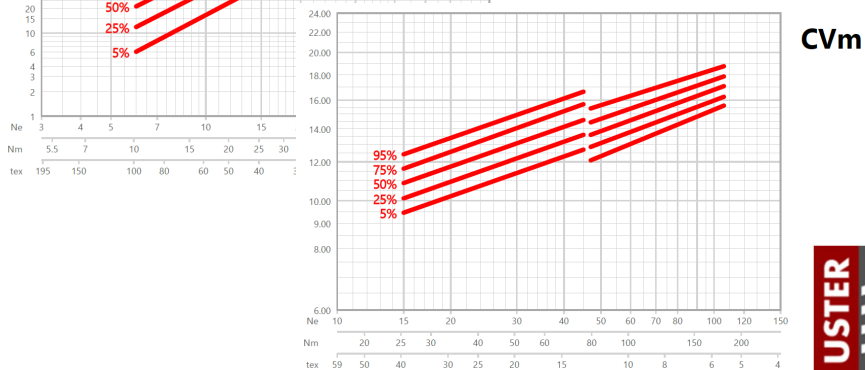
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Uster Statistics 2023
The common quality language for the textile industry

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Uster Statistics 2023
## New edition launched at ITMA 2023

- In 1957, the pioneering work started with three pages in the German textile magazine Melliand

- Today, Uster Statistics is the common language of quality

- Uster Statistics bridges the communication gap between yarn producers and yarn users, enabling them to discuss quality in a way that is well understood by all stakeholders

- Uster Statistics app counts over 22,650 users

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Uster Statistics 2023

Including for the first time a section on recycled yarns

New chapters:

- 70% CO / 30% CO-R, ring yarn, carded
- 70% CO / 30% CO-R, compact yarn, carded
- 40% PES-R / 30% CO / 30% CO-R, ring yarn, carded
- 40% PES-R / 30% CO / 30% CO-R, compact yarn, carded
- 40% PES-R / 30% CO / 30% CO-R, twin spun yarn, carded
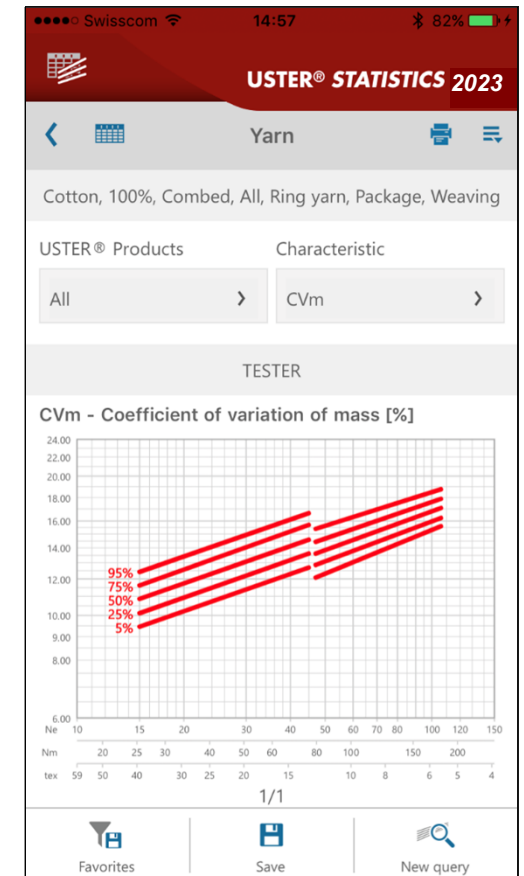
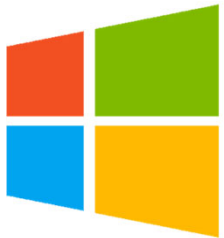# Uster Statistics 2023
Additional fiber graphs

- Fiber graphs available for every process step from bale to roving
- For 100% CO, carded and combed ring yarns, compact yarns and open-end yarns
- Example: Finisher draw frame, 100% CO, carded and combed
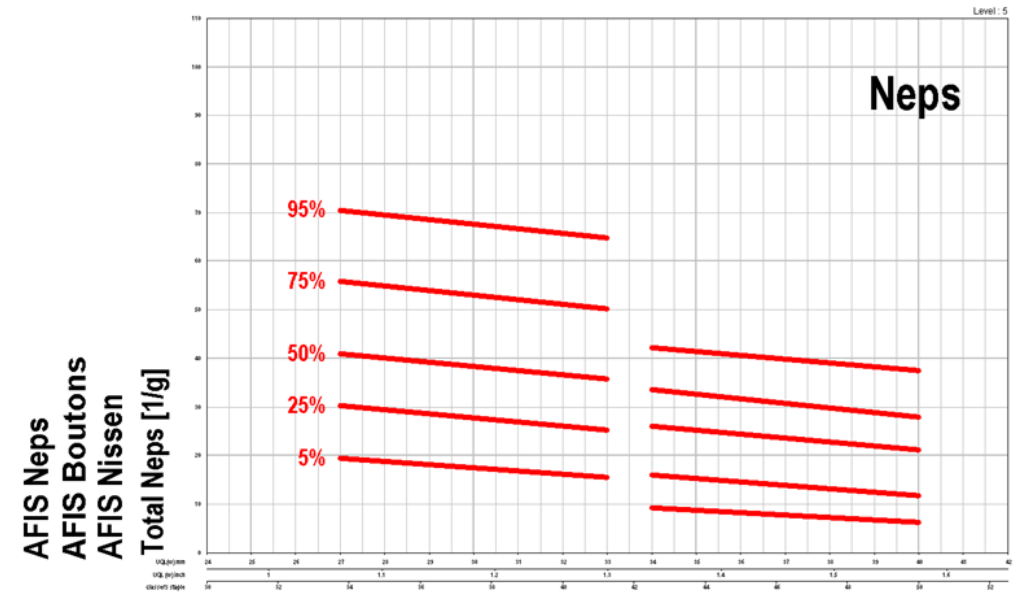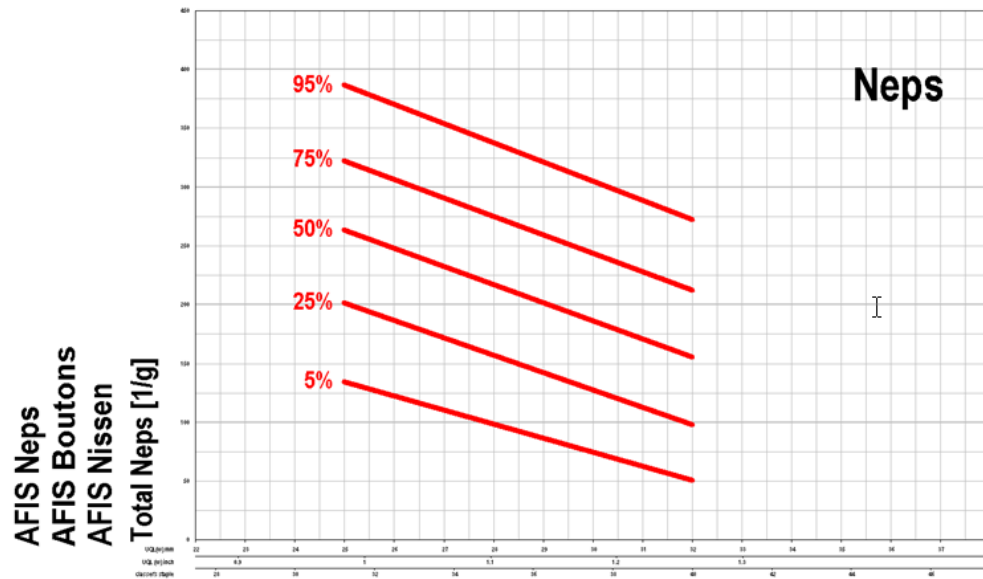
Uster Statistics 2023

The app

- Uster Statistics 2023 is available on Uster instruments
- Uster Statistics 2023 app is available free of charge and ready to download on your end devices

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