

Uster Technologies (Switzerland) Testing Services

1. Test items

Item	Test Description	International Standards	Sample volume	No. of required sub samples	No. of tests per sub sample	Price (per sample)
Textile Testing on Fibers						
1	USTER® HVI 1000 – bundle fiber testing Determination of fiber fineness, Maturity Index, fiber length, fiber strength, fiber elongation, color, trash and leaf code	ISO 2403, ASTM-1445, -1447, -1448, -2812, -5867	300g	1	10 L/S, 10 C/T, 5M	On request
2	USTER® AFIS PRO 2 – single fiber testing Determination of fiber neps, fiber length, short fiber content, maturity, trash and dust	ASTM-5866	50g (raw cotton, card mat, sliver, roving)	10	1	On request
Textile Testing on Sliver & Roving						
3	USTER® TESTER 5 – sliver/roving Determination of sliver or roving evenness	ASTM-1425	10 roving bobbin	10	1	On request
Textile Testing on Staple Yarns						
4	USTER® TESTER 5 – short & long staple yarns	ISO 2060, 2649,	10 full	10	1	On request

Item	Test Description	International Standards	Sample volume	No. of required sub samples	No. of tests per sub sample	Price (per sample)
	Determination of yarn evenness, imperfections, hairiness, diameter, shape, density, trash and dust	ASTM-1425, IWTO 18-94	bobbins or small cones			
5	USTER® TESTER 5 – slub yarn testing Determination of slub length, slub distance, mass increase, slub scatter plot, slub classification, slub sequence, etc.	-	10 full bobbins or small cones	10	1	On request
6	USTER® TENSORAPID 4 – staple yarns Determination of yarn strength and elongation, test speed 500mm/min, 5000mm/min, 20 second tests or according to specific requirements, fiber cohesion tests (sliver), fabric tests, and skein tests	ISO 2062, DIN 53835, 53842, ASTM 1578, 2256, 3107, 2612, 4964, 5034, 5035	10 full bobbins or small cones	10	20	On request
7	USTER® TENSOJET 4 – staple yarns Determination of yarn strength and elongation, detection of weak places, test speed 400m/min	-	10 full bobbins or small cones	10	1000	On request
8	USTER® CLASSIMAT QUANTUM Determination of seldom yarn faults like thin and thick places, count variation and foreign fibers	-	Total at least 100,000m	Min 10 cones or respective number of bobbins		On request

Item	Test Description	International Standards	Sample volume	No. of required sub samples	No. of tests per sub sample	Price (per sample)
9	USTER® ZWEIGLE TWIST TESTER Determination of TPI, ae, cv of TPI	ISO 2061, 17202, ASTM 1423	10 full bobbins or small cones	10	10	On request
10	USTER® ZWEIGLE HL 400 Hairiness length classification, counting of protruding fibers in length classes from 1 – 10mm as well as S1+2 and S3 value, test speed 400 m/min	-	10 full bobbins or small cones	10	10	On request
11	USTER® ZWEIGLE FRICTION TESTER Determination of dynamic yarn friction, test speed 200 m/min	-	10 full bobbins or small cones	10	10	On request
12	USTER® ZWEIGLE SPLICE TESTER Determination of strength and elongation of splices	-	10 splices	10	1	On request
13	USTER® ZWEIGLE YARN REEL Determination of yarn count	-	10 full bobbins or small cones	10	1	On request

Textile Testing on Filaments

Item	Test Description	International Standards	Sample volume	No. of required sub samples	No. of tests per sub sample	Price (per sample)
14	USTER® TESTER 5 – filament yarns Determination of filament evenness	ISO 2060	Min. 1 cone	1	1	On request
15	USTER® TENSORAPID 4 – filament yarns Determination of filament strength and elongation, cycle tests, hysteresis tests, etc., test speed 500mm/min or according to requirements	ISO 2062, DIN 53835, ASTM 2256, BISFA 17	Min. 1 cone	Min. 1	20	On request
Optimization of clearing limits						
16	USTER® QUANTUM CLEARER Optimization of clearing limits on ring yarns & open-end yarns concerning the quality and the production <ul style="list-style-type: none"> - In Uster (for ring yarns only) - In Mill 		On request			On request

We also provide special trainings for all USTER instruments mentioned above.

2. Additional information

2.1 Contact address Uster Technologies:

Uster Technologies AG
Attn. Mrs. Sandra Meier, Head of Laboratory
Sonnenbergstr. 10
8610 Uster
Switzerland
Tel: +41 (0)43 366 37 44
Email: Sandra.Meier@uster.com

2.2 Sender's contact information

- Please give sender's name, address, contact person, telephone and email address
- Samples must be packed and identified properly
- Required tests must be indicated

2.2 Payment

Please remit the payment to the following account after receiving the invoice:

- UBS AG, P.O. Box, CH-8098 Zurich, BC 206, Swift: UBSWCHZH80A
- Account no: 0206-228594.01J
- IBAN: CH150020 6206 2285 9401H

2.3 Lead time

The days after receiving the payment:

Base time: 5 - 7 working days

Sample conditioning time: 2 working days

Testing time: 1 hour per sample per test

Total time = base time + sample condition time + testing time

Test reports will be sent by email after the test is completed.

Uster Technologies AG
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