

TU UT5-1 Catalog CONE Temp 25.3 ° C Rel.H 47.9 %
Style CONE Sample ID 22341 Nom. count Nec 30 Nom. twist 0 T/inch
Tests 10 / 1 v= 400 m/min t= 1 min Meas. slot 4 Short staple

USTER Quality Report

Article 30/1 KH Material class Yarn Mach. Nr. CONE
Uster Statistics
Fiber Cotton 4.2Micr 30mm 100% Cotton 0% Cotton 0%
CONE TIP: YELLOW SOLID YCP CONE (UNIT-2)

Total tests : 10 / 10 Single test(s)

Nr	U%	CVm	CVm 1m	CVm 3m	CVm 10m	Thin -30%	Thin -40%	Thick +35%	Thin -50%	Thick +50%	Neps +140%	Neps +200%	Neps +280%	Rel. Cnt ±	H	sh
	%	%	%	%	%	/km	/km	/km	/km	/km	/km	/km	/km	%		
1	11.98	15.36	4.80	3.47	2.59	2338	262.5	962.5	5.0	180.0	1893	427.5	57.5	0.7	7.83	1.82
2	12.10	15.52	4.68	3.30	2.38	2670	285.0	1115.0	7.5	240.0	2183	437.5	110.0	-0.5	7.64	1.82
3	12.35	15.77	5.27	4.20	3.67	2543	305.0	1087.5	12.5	227.5	1943	420.0	70.0	-1.0	7.47	1.81
4	12.28	15.67	4.90	3.72	3.02	2570	295.0	1097.5	5.0	250.0	1995	457.5	100.0	-0.7	7.47	1.83
5	12.03	15.35	5.40	4.14	3.11	2258	207.5	927.5	10.0	187.5	1748	360.0	55.0	0.8	7.68	1.85
6	11.86	15.16	4.81	3.32	2.42	2258	227.5	990.0	2.5	167.5	1810	385.0	57.5	0.4	7.54	1.80
7	12.00	15.37	4.93	3.44	2.36	2355	212.5	1087.5	5.0	230.0	1990	472.5	147.5	0.7	7.46	1.80
8	12.14	15.48	5.01	3.59	2.62	2340	237.5	1040.0	2.5	215.0	1898	442.5	117.5	0.7	7.39	1.79
9	12.16	15.50	5.32	3.79	2.58	2590	287.5	1067.5	5.0	187.5	1895	362.5	52.5	0.8	7.42	1.85
10	12.57	16.06	5.65	3.66	2.48	2943	392.5	1145.0	15.0	257.5	2013	400.0	67.5	-1.8	7.59	1.86
Mean	12.15	15.52	5.08	3.66	2.72	2486	271.3	1052	7.0	214.3	1937	416.5	83.5	0.0	7.55	1.82
CV	1.7	1.6	6.2	8.5	15.4	8.8	20.4	6.7	60.2	14.8	6.2	9.3	39.5	0.9	1.8	1.3
s	0.21	0.26	0.31	0.31	0.42	218	55.3	70.7	4.2	31.7	120	38.6	33.0	0.9	0.14	0.02
Q95	0.15	0.18	0.23	0.22	0.30	156	39.5	50.6	3.0	22.7	86	27.6	23.6	0.7	0.10	0.02
Max	12.57	16.06	5.65	4.20	3.67	2943	392.5	1145	15.0	257.5	2183	472.5	147.5	0.8	7.83	1.86
Min	11.86	15.16	4.68	3.30	2.36	2258	207.5	927.5	2.5	167.5	1748	360.0	52.5	-1.8	7.39	1.79
USP™																

Thin-50% 7.0
Thick+50% 214.3
Neps+200% 416.5
TOTAL=

637.8

Test Report - CSP

Dry :76°F Wet :68°F RH : 65.00 % Test Date & Time : 30-Jun-22 12:50 pm

Test ID : 54950 No. of Test : 10 Count Type : 30/1 KH Nom. Strength : 96 (lbf)

Dept. : Finishing Lot No. : Nom. Count : 30 (NeC) Sam. Length : 120.00 yard

Shift : General Operator : Owner

Machine : 30/1 KH	Test No.	Weight (g)	Count (NeC)	RH Count (NeC)	Strength (lbf)	CSP	RH CSP	Elongation (mm)
	1	2.108	30.734	30.734	72.45	2227	2227	21.30
	2	2.146	30.190	30.190	77.63	2344	2344	21.60
	3	2.191	29.570	29.570	79.36	2347	2347	21.40
	4	2.148	30.162	30.162	77.69	2343	2343	21.80
	5	2.182	29.692	29.692	79.30	2355	2355	21.00
	6	2.130	30.417	30.417	73.52	2236	2236	21.70
	7	2.151	30.120	30.120	80.12	2413	2413	21.00
	8	2.135	30.346	30.346	76.83	2331	2331	22.50
	9	2.180	29.719	29.719	75.46	2243	2243	22.30
	10	2.150	30.134	30.134	80.35	2421	2421	21.60
	Average	2.152	30.108	30.108	77.27	2326	2326	21.62
	CV %		1.20	1.20	3.54	2.98	2.98	2.28
	Min.		29.570	29.570	72.45	2227	2227	21.00
	Max.		30.734	30.734	80.35	2421	2421	22.50
	Range		1.164	1.164	7.90	194	194	1.50
	SD		0.36	0.36	2.73	69.37	69.37	0.49
	Q95 (±)		0.25	0.25	1.92	48.87	48.87	0.35
	Q99 (±)		0.36	0.36	2.74	69.51	69.51	0.50

RKM Value : 15.507 RH RKM Value : 15.507

Remarks : CONE TIP : YELLOW SOLID , YCP CONE (UNIT-2)