

Test Report - CSP

Dry :76 °F		\ Wet :68 °F		RH : 65.00 %		Test Date & Time : 17-Jul-22		12:35 pm
Test ID :55424	No. of Test :10	Count Type :30/1 CCH		Nom. Strength :105 (lbf)				
Dept. :Finishing	Lot No. :	Nom. Count :30 (NeC)		Sam. Length :120.00 yard				
Shift :General	Operator :Owner							
Machine : 30/1 CCH	Test No.	Weight (g)	Count (NeC)	RH Count (NeC)	Strength (lbf)	CSP	RH CSP	Elongation (mm)
	1	2.123	30.517	30.517	88.52	2701	2701	27.40
	2	2.120	30.560	30.560	86.77	2652	2652	25.40
	3	2.174	29.801	29.801	95.77	2854	2854	26.30
	4	2.133	30.374	30.374	92.75	2817	2817	26.40
	5	2.163	29.953	29.953	91.72	2747	2747	25.40
	6	2.188	29.611	29.611	95.46	2827	2827	26.40
	7	2.137	30.317	30.317	91.72	2781	2781	27.30
	8	2.111	30.691	30.691	85.43	2622	2622	24.30
	9	2.136	30.332	30.331	94.12	2855	2855	24.30
	10	2.175	29.788	29.788	91.22	2717	2717	22.10
	Average	2.146	30.194	30.194	91.35	2757	2757	25.53
	CV %		1.24	1.24	3.83	3.01	3.01	6.34
	Min.		29.611	29.611	85.43	2622	2622	22.10
	Max.		30.691	30.691	95.77	2855	2855	27.40
	Range		1.080	1.080	10.34	233	233	5.30
	SD		0.38	0.38	3.50	83.12	83.12	1.62
	Q95 (±)		0.26	0.26	2.47	58.56	58.56	1.14
	Q99 (±)		0.38	0.38	3.51	83.29	83.29	1.62
RKM Value : 18.382		RH RKM Value : 18.382						
Remarks : CONE TIP :PLAIN YCP CONE (UNIT-1)								

TU UT5-1 Catalog CONE Temp 25.5 ° C Rel.H 46.7 %
Style CONE Sample ID 22454 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 30/1COH Material class Yarn Mach. Nr. CONE
Uster Statistics
Fiber Cotton 4.2Micr 30mm 100% Cotton 0% Cotton 0%
CONE TIP : PLAIN, YCP CONE. (UNIT_01)

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	9.14	11.58	3.80	3.05	2.33	502.5	15.0	187.5	0.0	5.0	192.5	32.5	5.0	1.3	5.62	1.40
2	9.11	11.76	3.78	2.86	2.01	435.0	7.5	262.5	0.0	30.0	220.0	45.0	12.5	1.3	5.65	1.45
3	9.16	11.74	3.75	2.96	1.92	540.0	20.0	225.0	0.0	30.0	197.5	37.5	15.0	0.8	5.52	1.43
4	9.14	11.53	3.94	3.23	2.54	535.0	17.5	155.0	0.0	7.5	132.5	15.0	2.5	-0.9	5.87	1.49
5	9.03	11.41	3.98	3.18	2.61	397.5	7.5	157.5	0.0	25.0	152.5	27.5	5.0	-1.1	5.83	1.49
6	9.54	12.07	4.30	3.45	2.69	655.0	25.0	235.0	0.0	10.0	167.5	30.0	2.5	-0.8	5.51	1.73
7	9.45	11.97	3.99	3.28	2.11	572.5	20.0	237.5	0.0	20.0	225.0	30.0	2.5	-0.4	5.70	1.50
8	9.37	11.88	4.02	3.12	2.41	617.5	12.5	267.5	0.0	32.5	215.0	47.5	5.0	-0.0	5.49	1.45
9	9.17	11.61	3.56	2.62	1.88	525.0	7.5	205.0	0.0	10.0	167.5	25.0	10.0	-0.3	5.45	1.64
10	9.48	12.03	4.24	3.50	2.69	610.0	20.0	232.5	0.0	27.5	207.5	37.5	5.0	0.1	5.38	1.42
Mean	9.26	11.76	3.94	3.13	2.32	539.0	15.3	216.5	0.0	19.8	187.8	32.8	6.5	0.0	5.60	1.50
CV	2.0	1.9	5.7	8.6	13.7	14.9	41.2	18.3		53.9	16.6	29.3	68.3	0.9	2.9	7.1
s	0.18	0.22	0.23	0.27	0.32	80.4	6.3	39.5	0.0	10.6	31.3	9.6	4.4	0.9	0.16	0.11
Q95	0.13	0.16	0.16	0.19	0.23	57.5	4.5	28.3		7.6	22.4	6.9	3.2	0.6	0.12	0.08
Max	9.54	12.07	4.30	3.50	2.69	655.0	25.0	267.5	0.0	32.5	225.0	47.5	15.0	1.3	5.87	1.73
Min	9.03	11.41	3.56	2.62	1.88	397.5	7.5	155.0	0.0	5.0	132.5	15.0	2.5	-1.1	5.38	1.40
USP™																

Thin-50% 0.0
Thick+50% 19.8
Neps+200% 32.8
TOTAL=

52.6