

Test Report - CSP

Dry :-		Wet :-		RH : 55.00 %		Test Date & Time : 25-May-25		4:02 pm
Test ID :13,841		No. of Test :12		Count Type :30/1CCH.		Nom. Strength :100 (lbf)		
Dept. :Auto Coner		Lot No. :		Nom. Count :30 (NeC)		Sam. Length :120.00 yard		
Shift :General		Operator :operator						
M/c No.: CONDITION		Test No.	Weight (grams)	Count (NeC)	RH Count (NeC)	Strength (lbf)	CSP	RH CSP Elongation (mm)
		1	2.148	30.162	29.890	95.20	2871	2831 24.61
		2	2.138	30.303	30.030	103.43	3134	3090 39.65
		3	2.145	30.204	29.932	91.68	2769	2744 43.79
		4	2.136	30.332	30.059	93.96	2850	2824 43.03
		5	2.175	29.788	29.520	96.49	2874	2834 39.67
		6	2.131	30.403	30.129	93.01	2828	2788 40.69
		7	2.179	29.733	29.465	96.66	2874	2848 43.84
		8	2.161	29.981	29.711	94.91	2845	2806 44.43
		9	2.136	30.332	30.059	90.51	2745	2721 43.87
		10	2.129	30.431	30.157	90.94	2767	2742 42.41
		11	2.157	30.036	29.766	97.85	2939	2913 43.87
		12	2.188	29.611	29.344	94.62	2802	2777 43.73
		Average	2.152	30.110	29.839	94.94	2858	2827 41.13
		CV %		0.93	0.93	3.72	3.60	3.49 13.31
		Min.		29.611	29.344	90.51	2745	2721 24.61
		Max.		30.431	30.157	103.43	3134	3090 44.43
		Range		0.821	0.813	12.92	389	369 19.82
		SD		0.28	0.28	3.53	102.98	98.58 5.48
		Q95 (±)		0.18	0.17	2.22	64.78	62.01 3.44
		Q99 (±)		0.25	0.24	3.11	90.82	86.93 4.83

RKM Value :19.029 RH RKM Value 18.818

Remarks : CONE TIP :-BLUE BEAM (CONDITION)

OPERATOR	QC INCHARGE	GM
26-May-2025	Page 1 of 1	11:41 AM

## KIAN (YARN)

PREMIER iQ3 V3.1.11

26-05-2025 11.46

Test No.	:7259	Count	:30.00 Nec	Department	:Winding
Lot No.	:--	Article No.	:CCH	Machine No.	:6 U1
Material Type	:Cot.CW Ring Spun Cone	Fineness	:3 8ug/in	Machine Make	:QPRO EX
Date & Time	:25-05-2025 17:50	Fiber Details	:Cotton(100)		
Comments	:CONE TIP - BLUE BEAM (YCP CONE )				

Test No.	Um	CVm	CVm1m	CVm3m	CVm10m	Thin (-30%) / Km	Thin (-40%) / Km	Thin (-50%) / Km	Thick (+35%) / Km	Thick (+50%) / Km	Neps (+140%) / Km	Neps (+200%) / Km	Norm Imp / Km	HI
1 / 1	9.33	11.78	3.54	2.57	2.07	645	0	0	170	8	145	40	42	3.15
2 / 1	9.08	11.49	3.91	3.14	2.68	465	5	0	153	5	153	43	42	3.28
3 / 1	9.32	11.72	3.32	2.39	1.95	603	15	0	188	13	180	40	53	3.19
4 / 1	9.00	11.36	3.69	2.54	2.04	513	10	0	163	3	200	55	58	3.29
5 / 1	9.13	11.54	3.31	2.39	1.87	593	10	0	163	13	155	50	63	3.17
6 / 1	9.36	11.78	3.45	2.59	2.17	668	23	0	185	10	225	48	58	3.36
7 / 1	9.15	11.51	3.24	2.46	1.99	480	5	0	168	10	195	63	73	3.19
8 / 1	9.05	11.44	3.24	2.48	1.88	515	25	0	193	3	213	45	48	3.14
9 / 1	9.14	11.52	3.85	3.00	2.53	563	8	0	168	10	173	53	63	3.14
10 / 1	9.19	11.56	3.37	2.55	1.94	585	13	0	128	13	173	45	58	3.22
11 / 1	9.00	11.34	3.14	2.09	1.61	565	10	0	128	3	173	35	38	3.27
12 / 1	8.98	11.32	3.29	2.53	2.03	468	10	0	145	8	160	33	41	3.37

## OVERALL STATISTICS

Mean	9.14	11.53	3.45	2.56	2.06	555.25	11.17	0.00	162.67	8.25	178.75	45.67	53.00	3.27
Median	9.14	11.52	3.35	2.54	2.01	564.00	10.00	0.00	165.50	10.00	173.00	45.00	55.50	3.21
S.D	0.13	0.16	0.25	0.27	0.29	67.65	7.17	0.00	21.28	4.00	24.95	9.94	12.51	0.11
C.V %	1.46	1.39	7.27	10.71	14.02	12.18	64.22	-	13.08	43.27	13.96	21.30	22.74	4.24
Q95	0.08	0.10	0.16	0.17	0.18	42.96	4.55	0.00	13.51	2.54	15.84	6.31	7.94	0.11

Test No.	Sh
1 / 1	0.76
2 / 1	0.75
3 / 1	0.75
4 / 1	0.76
5 / 1	0.73
6 / 1	0.78
7 / 1	0.75
8 / 1	0.74
9 / 1	0.76
10 / 1	0.76
11 / 1	0.75
12 / 1	0.76

## OVERALL STATISTICS

Mean	0.75
Median	0.76
S.D	0.01
C.V %	1.64
Q95	0.01

Staple	: Short Staple	Operator	: JYOTI	Test Conditions	: 400m/min, 1min
Slot	: Finer Yarn	Identifier	: CONE	Atm. Conditions	: -