

Test Report - CSP

Dry : 83.00 °F Wet : 74.00 °F RH : 65.47 % Test Date & Time : 28-Jan-25 4:36 pm

Test ID : 7214 No. of Test : 10 Count Type : 24 KCH Nom. Strength : 110 (lbf)  
Dept. : Auto Coner Lot No. : Nom. Count : 24.00 (NeC) Sam. Length : 120.00 yard  
Shift : 2 Operator : Owner

Machine : L/C NO.01	Test No.	Weight (g)	Count (NeC)	RH Count (NeC)	Strength (lbf)	CSP	RH CSP
	1	2.880	22.496	22.496	108.47	2440	2440
	2	2.819	22.983	22.983	101.11	2324	2324
	3	2.891	22.410	22.410	110.52	2477	2477
	4	2.875	22.535	22.535	101.67	2291	2291
	5	2.948	21.977	21.977	105.09	2310	2310
	6	2.912	22.249	22.249	107.65	2395	2395
	7	2.862	22.637	22.637	108.24	2450	2450
	8	2.839	22.821	22.821	110.48	2521	2521
	9	2.832	22.877	22.877	109.78	2511	2511
	10	2.915	22.226	22.226	112.01	2490	2490
	Average	2.878	22.521	22.521	107.50	2421	2421
	CV %		1.415	1.415	3.48	3.551	3.551
	Min.		21.977	21.977	101.110	2291	2291
	Max.		22.983	22.983	112.010	2521	2521
	Range		1.006	1.006	10.900	230	230
	SD		0.319	0.319	3.737	85.962	85.962
	Q95 (±)		0.225	0.225	2.633	60.565	60.565
	Q99 (±)		0.319	0.319	3.745	86.145	86.145

RKM Value : 16.139 RH RKM Value : 16.139

Remarks :

Operated By,

Checked By,

Raghav Cotspin Pvt Ltd

1/28/2024 11:23 AM

## STANDARD YARN REPORT

Page 1/1

USTER® TESTER 6	23.9.5.0	Process step	Winding	Tests	10/1	Temperature	25.4 °C
Operator	Manager	Material class	Normal Yarn	Test speed	400.00 m/min	Rel. humidity	43.1 %
Test ID	195664	Measuring slot	Automatic MS3	Test time	1.00 min	Absorber	High
FYP config.		IP analysis	Short	Test length	400.00 m	Yarn type	Compact
Product	24 KCH	Nom. count	24.00 Ne	Fibers	100% Cotton 3.50 Mic 30.00 mm		
Lot ID	Not specified	Nom. twist	- T/Inch, Z	USTER® STATISTICS			
Machine	Not specified	Processing	Carded	Comment			
Mill unit	1	Application	Knitting				

No.	U	CVm	Thin -40%	Thin -50%	Thick 35%	Thick 50%	Neps 140%	Neps 200%	Total IP Stand.	Total IP Sens.	Relative count total %
	%	%	/km	/km	/km	/km	/km	/km	/km	/km	
1 / 1	11.59	14.85	130	0	885	130	1,587	148	278	2,602	-0.75
2 / 1	12.01	15.19	105	0	720	108	1,867	185	293	2,692	0.40
3 / 1	12.11	15.57	110	0	720	230	1,375	223	453	2,205	1.37
4 / 1	11.57	14.76	120	0	820	140	1,245	228	368	2,185	-0.58
5 / 1	12.12	15.54	83	5	730	120	1,183	223	348	1,996	-1.13
6 / 1	12.25	15.46	124	0	630	120	1,354	242	362	2,108	-0.17
7 / 1	11.49	14.62	113	0	795	143	1,300	205	348	2,208	0.75
8 / 1	11.74	14.97	130	3	573	213	1,679	225	441	2,382	0.40
9 / 1	11.64	14.93	135	5	913	150	1,225	268	423	2,273	-0.36
10 / 1	11.87	15.18	93	0	840	133	1,358	250	383	2,291	0.08
Mean	11.84	15.11	114	1	763	149	1,417	220	370	2,294	0.00
CV	2.3	2.2	14.8	166.4	14.2	27.2	15.7	8.0	15.7	9.3	
s	0.27	0.34	17	2	109	40	222	12	58	214	0.75
Q95	0.19	0.24	12	2	78	29	160	16	42	154	0.54
USP™ 2023											
Min	11.49	14.62	83	0	573	108	1,183	20	278	1,996	-1.13
Max	12.25	15.57	135	5	913	230	1,867	23	453	2,692	1.37