

Test Report - CSP

Dry : 83.00 °F Wet : 74.00 °F RH : 65.47 % Test Date & Time : 19-Jan-25 7:52 pm

Test ID : 7014 No. of Test : 10 Count Type : 32 KCH Nom. Strength : 85 (lbf)
 Dept. : Auto Coner Lot No. : Nom. Count : 32.00 (NeC) Sam. Length : 120.00 yard
 Shift : 2 Operator : Owner

Machine	: CONDITION	Test No.	Weight (g)	Count (NeC)	RH Count (NeC)	Strength (lbf)	CSP	RH CSP
		1	2.036	31.821	31.821	75.85	2414	2414
		2	2.014	32.169	32.169	80.45	2588	2588
		3	1.998	32.426	32.426	78.80	2555	2555
		4	1.987	32.606	32.606	78.63	2564	2564
		5	2.052	31.573	31.573	74.89	2365	2364
		6	2.045	31.681	31.681	80.78	2559	2559
		7	1.997	32.443	32.443	75.65	2454	2454
		8	2.041	31.743	31.743	79.25	2516	2516
		9	2.002	32.362	32.362	85.71	2774	2774
		10	2.000	32.394	32.394	80.71	2615	2615
		Average	2.017	32.122	32.122	79.07	2540	2540
		CV %		1.180	1.180	4.03	4.513	4.520
		Min.		31.573	31.573	74.890	2365	2364
		Max.		32.606	32.606	85.710	2774	2774
		Range		1.033	1.033	10.820	409	410
		SD		0.379	0.379	3.188	114.658	114.828
		Q95 (±)		0.267	0.267	2.246	80.783	80.903
		Q99 (±)		0.380	0.380	3.194	114.902	115.073

UKM Value : 16.936 RH UKM Value : 16.935

Remarks :

Operated By,

Checked By,

STANDARD YARN REPORT

Raghav Cotspin Pvt Ltd

1/19/2025 12:01 PM

USTER® TESTER 6	23.9.5.0	Process step	Winding	Test speed	400.00 m/min	Rel. humidity	Medium
Operator	Manager	Material class	Normal Yarn	Test time	1.00 min	Absorber	Compact
Test ID	195335	Measuring slot	Automatic MS4	Test length	400.00 m	Yarn type	
FYP config		IP analysis	Short		100% Cotton 3.50 Mic 30.00 mm		
Product	32 KCH	Nom. count	32.00 Ne	Fibers			
Lot ID	Not specified	Nom. twist	- T/inch, Z	USTER® STATISTICS			
Machine	Not specified	Processing	Carded	Comment			
Mill unit	1	Application	Knitting				
					Total IP	Total IP	Relative

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	12.48	15.87	224	0	986	175	2,515	503	678	3,725	1.05
2 / 1	12.58	15.98	205	0	986	185	2,456	550	735	3,647	-1.26
3 / 1	12.27	15.59	228	0	963	205	2,583	528	733	3,774	-0.33
4 / 1	12.85	16.36	188	0	954	188	2,789	533	721	3,931	-1.25
5 / 1	12.15	15.49	201	3	985	211	2,382	570	784	3,568	1.67
6 / 1	12.63	16.07	212	0	952	212	2,898	538	750	4,062	-1.12
7 / 1	11.96	15.33	253	3	987	198	2,580	588	789	3,820	-1.23
8 / 1	12.82	16.30	159	3	998	198	2,375	548	749	3,532	1.07
9 / 1	12.59	15.99	205	0	988	192	3,001	568	760	4,194	-0.33
10 / 1	12.36	15.63	195	0	977	195	2,748	538	733	3,920	1.73
Mean	12.47	15.86	207	1	978	196	2,633	546	743	3,817	0.00
CV	2.3	2.2	12.2	161.0	1.6	5.9	8.2	8.0	4.3	5.6	
s	0.29	0.34	25	1	16	12	217	12	32	213	1.26
Q95	0.21	0.25	18	1	11	8	156	16	23	153	0.90
USP™ 2023											
Min	11.96	15.33	159	0	952	175	2,375	20	678	3,532	-1.26
Max	12.85	16.36	253	3	998	212	3,001	23	789	4,194	1.73