

Test Report - CSP

Dry : 86 °F Wet : 77 °F RH : 65.00 % Test Date & Time : 15-Jan-25 2:54 pm
Test ID : 15177 No. of Test : 21 Count Type : 38/1 CH Nom. Strength : 65 (lbf)
Dept. : Finishing Lot No. : JK/38/69 Nom. Count : 38 (NeC) Sam. Length : 120.00 yard
Shift : General Operator : Owner

Machine	38/1 CH	Test No.	Weight (g)	Count (NeC)	RH Count (NeC)	Strength (lbf)	CSP	RH CSP
		1	1.698	38.156	38.156	69.52	2653	2653
		2	1.689	38.359	38.359	63.62	2440	2440
		3	1.720	37.667	37.667	64.58	2433	2433
		4	1.687	38.404	38.404	60.62	2328	2328
		5	1.699	38.133	38.133	67.89	2589	2589
		6	1.720	37.667	37.667	65.52	2468	2468
		7	1.736	37.320	37.320	64.56	2409	2409
		8	1.740	37.235	37.235	63.52	2365	2365
		9	1.694	38.246	38.246	65.62	2510	2510
		10	1.688	38.382	38.382	64.15	2462	2462
		11	1.677	38.633	38.633	68.46	2645	2645
		12	1.678	38.610	38.610	63.79	2463	2463
		13	1.669	38.819	38.819	63.46	2463	2463
		14	1.679	38.587	38.587	62.50	2412	2412
		15	1.680	38.564	38.564	61.64	2377	2377
		16	1.679	38.587	38.587	67.82	2617	2617
		17	1.750	37.022	37.022	69.82	2585	2585
		18	1.730	37.450	37.450	64.56	2418	2418
		19	1.712	37.848	37.848	66.55	2519	2519
		20	1.728	37.493	37.493	67.82	2543	2543
		21	1.739	37.256	37.256	68.77	2562	2562
		Average	1.704	38.021	38.021	65.47	2489	2489
		CV %		1.48	1.48	4.02	3.77	3.77
		Min.		37.022	37.022	60.62	2328	2328
		Max.		38.819	38.819	69.82	2653	2653
		Range		1.797	1.797	9.20	325	325
		SD		0.56	0.56	2.63	93.72	93.72
		Q95 (±)		0.26	0.26	1.19	42.54	42.54
		Q99 (±)		0.35	0.35	1.63	57.90	57.90

Remarks : NE:-38/1 CH JK LOT INSPECTION LOT NO:-JK/38/69

Ne - 38/1
COMBED HOSIERY
100% COTTON YARN

AVG COUNT	38.02
CV%	1.48
STRENGTH	65.47
CV%	4.02
CSP	2489

15/01/25

15/01

TU UT5-1 Catalog YCP Temp Rel.H 126 %
Style CH CONES Sample ID 07251 Nom. count Nec 38 Nom. twist 24.35 T/inch
Tests 21 / 1 v= 400 m/min t= 1 min Meas. slot 4 Short staple Absorber 67 %

TSPL REPORT

Article 38/1 CH Material class Yarn Mach. Nr. YCP
Uster Statistics 100% CO, ring yarn, carded, bobbins, knitting, 2013
Fiber Cotton 0% Cotton 0% Cotton 0%
NE:-38/1 CH JK YARN LOT INSPECTION LOT NO:-JK/38/69

Total tests : 21 / 21 Single test(s)

Nr	U%	CVm	CVm 1m	CVm 3m	CVm 10m	Thin -30%	Thin -40%	Thin -50%	Thick +35%	Thick +50%	Neps +140%	Neps +200%	Neps +280%	Rel. Cnt ±	DR 1.5m 5%
	%	%	%	%	%	/km	/km	/km	/km	/km	/km	/km	/km	%	%
1	10.32	13.06	4.22	3.63	2.85	1233	60.0	0.0	347.5	32.5	720.0	85.0	12.5	-4.2	21.4
2	10.29	12.95	4.42	3.96	3.10	1170	42.5	0.0	335.0	20.0	650.0	67.5	10.0	-4.7	24.0
3	9.72	12.30	4.01	3.37	2.67	818	27.5	0.0	215.0	17.5	400.0	57.5	10.0	5.3	24.1
4	9.82	12.42	4.12	3.60	2.66	960	10.0	0.0	242.5	17.5	510.0	52.5	15.0	5.4	24.3
5	9.64	12.18	4.02	3.51	2.86	770	25.0	0.0	187.5	35.0	427.5	67.5	27.5	6.1	26.9
6	10.04	12.66	4.02	3.38	2.60	1093	55.0	0.0	240.0	37.5	390.0	72.5	22.5	-1.4	20.4
7	9.94	12.52	3.56	2.88	2.27	1063	57.5	0.0	282.5	32.5	365.0	77.5	27.5	-1.1	12.6
8	9.93	12.47	3.52	2.84	2.08	1045	42.5	0.0	235.0	22.5	315.0	62.5	22.5	-1.1	14.1
9	9.85	12.38	4.34	3.70	3.04	895	27.5	0.0	217.5	27.5	275.0	50.0	15.0	1.0	24.5
10	9.85	12.47	4.11	3.40	2.80	983	27.5	0.0	270.0	27.5	372.5	65.0	22.5	0.9	22.6
11	10.09	12.73	4.17	3.57	2.67	1135	55.0	0.0	322.5	40.0	650.0	70.0	17.5	-3.5	20.3
12	10.06	12.70	4.18	3.43	2.76	1110	55.0	2.5	252.5	35.0	475.0	62.5	20.0	-2.4	22.6
13	9.94	12.51	4.04	3.44	2.67	928	42.5	0.0	242.5	27.5	340.0	85.0	27.5	1.0	21.6
14	9.63	12.16	3.79	3.13	2.36	898	45.0	0.0	250.0	32.5	342.5	77.5	30.0	1.6	20.3
15	10.24	12.96	4.29	3.70	2.88	1215	35.0	2.5	342.5	22.5	535.0	52.5	10.0	-3.2	20.3
16	10.01	12.66	3.77	3.17	2.40	1088	60.0	0.0	290.0	27.5	542.5	87.5	10.0	-1.7	18.3
17	9.57	12.13	4.12	3.33	2.39	813	42.5	0.0	200.0	30.0	287.5	72.5	35.0	5.4	27.2
18	9.96	12.55	3.82	3.17	2.44	1073	50.0	0.0	305.0	22.5	542.5	70.0	15.0	-3.3	16.6
19	10.03	12.67	3.78	3.15	2.75	1098	52.5	0.0	292.5	30.0	597.5	87.5	20.0	-2.9	17.6
20	9.99	12.67	4.04	3.47	2.55	1095	52.5	0.0	280.0	25.0	652.5	72.5	5.0	-3.8	16.5
21	9.70	12.23	3.85	3.02	2.34	915	40.0	2.5	190.0	22.5	390.0	50.0	15.0	6.7	21.5
Mean	9.94	12.54	4.01	3.37	2.63	1019	43.1	0.4	263.8	27.9	465.7	68.8	18.6	0.0	20.8
CV	2.1	2.1	6.0	8.4	9.9	13.1	31.4	251.0	18.6	22.9	28.9	17.4	42.7	3.8	18.51
Q95	0.10	0.12	0.11	0.13	0.12	61	6.2	0.4	22.3	2.9	61.2	5.5	3.6	1.7	1.8
Max	10.32	13.06	4.42	3.96	3.10	1233	60.0	2.5	347.5	40.0	720.0	87.5	35.0	6.7	27.2
Min	9.57	12.13	3.52	2.84	2.08	770	10.0	0.0	187.5	17.5	275.0	50.0	5.0	-4.7	12.6
USP™13	< 5	< 5	34	36	71	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Ne - 38/1

COMBED HOSIERY
100% COTTON YARN

U%	9.94
Cvb	2.1
THIN-50%	0.4
THICK+50%	27.9
NEPS+200%	68.8
TOTAL IPI	97.1

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15/01