

DHRUV COTTON Processing pvt. Ltd

 Atkot-Jasdan Road
 Atkot-360040
 dist.Rajkot [Gujrat]

Test No : 1518	Nominal Count : 24.00 Nec	WB Temp : 67 °F
Test Date : 12/26/2024	Nominal Strength : 102 lbs	DB Temp : 77 °F
Test Time : 4:15:16 PM	Sample Length : 120 Yards	RH : 61%
Shift : Shift 1	Process : 24/1CH	Operator : Admin

Machine	1	Readings	2	3	4	Avg. Value	RHC. Value	Cnt.Corr. Strength	CV%	Change Advice
CONDITION	Cnt 24.47	24.00	24.04	23.91	24.11	23.97	107.06	1.05		
	Str 108.26	103.54	98.18	103.97	106.46	109.18		4.35		
	CSP 2649	2485	2361	2486	2568	2617		4.88		
	23.65	23.99	24.14	24.28						
	107.94	103.97	111.59	103.65						
	2553	2494	2694	2516						
	24.47	24.19								
	113.74	109.77								
	2783	2655								

NE24/1CH
 100% COTTON COMBED /ARN
 Usterized SiroClean, Export Quality

Statistical Report

	Nom.	Avg.	Min.	Max.	Range	CV%	RHC.	Q95
Count	24.00	24.11	23.65	24.47	0.82	1.05	23.97	0.18
Strength	102.00	106.46	98.18	113.74	15.56	4.35	109.18	3.26
CSP	2448	2568	2361	2783	423	4.88	2617	88.29

Process capability:-	Expected	Achieved	Exp. CV%
Count	23.28 <-> 24.72	23.35 <-> 24.88	1.00
Strength	91.29 <-> 112.71	92.57 <-> 120.36	3.50
CSP	2118 <-> 2778	2192 <-> 2944	4.50

Count : No critical difference (Calculated : 0.4768% Normal : 4%)
 Strength : No critical difference (Calculated : 4.2812% Normal : 8%)
 CSP : In Units of Nec.lbs

Remarks:- 24/1CH

Operator

QCM

GM



DHRUV COTTON PROCESSING PVT LTD
ATKOT-JASDAN ROAD RAJKOT, GUJARAT-360040 INDIA
 USTER® TESTER 5 - M R 3.7.0 Thu 26.12.24 12:32 Operator Kusum

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TU UT5-1 Catalog D2
 Style YCP CONES Sample ID 94603 Nom. count Nec 24 Nom. twist 18.37 T/inch
 Tests 10 / 1 v= 400 m/min t= 1 min Meas. slot 3 Short staple

Dhruv UT5 Testing Report

Article 24/1CH Material class Yarn Mach. Nr.

Uster Statistics 100% CO, ring yarn, combed, cones, knitting, 2013

Fiber Cotton 4.05Micr 30mm 100% Cotton 0%

Cotton 0%

24/1CH

NE24/1CH
 100% COTTON COMBED YARN
 Usterized SiroClean, Export quality

Total tests : 10 / 10 Single test(s)

Nr	U%	CVm	CVm	CVm	CVm	Thin	Thin	Thin	Thick	Thick	Neps	Neps	Neps	Rel.	DR
	%	%	1m	3m	10m	-30%	-40%	-50%	+35%	+50%	+140%	+200%	+280%	Cnt ±	1.5m
			%	%	%	/km	/km	/km	/km	/km	/km	/km	/km	%	%
1	8.76	11.09	3.85	3.40	2.65	317.5	2.5	0.0	147.5	17.5	145.0	40.0	10.0	1.4	18.3
2	9.12	11.52	3.45	2.70	2.04	552.5	5.0	0.0	185.0	2.5	212.5	40.0	0.0	-1.9	8.6
3	8.88	11.24	3.71	3.10	2.26	370.0	2.5	0.0	105.0	12.5	127.5	25.0	7.5	-0.2	12.9
4	9.14	11.48	3.65	3.16	2.28	512.5	20.0	0.0	177.5	20.0	227.5	42.5	12.5	-0.8	13.2
5	8.68	10.98	3.90	3.30	2.72	340.0	0.0	0.0	115.0	5.0	160.0	32.5	2.5	1.2	16.9
6	8.71	11.01	3.69	2.96	2.04	330.0	5.0	0.0	112.5	12.5	147.5	15.0	10.0	1.0	17.1
7	8.84	11.16	3.75	3.05	2.26	360.0	0.0	0.0	112.5	7.5	170.0	25.0	7.5	-1.7	14.1
8	8.71	11.02	3.94	3.33	2.34	362.5	7.5	0.0	70.0	7.5	105.0	22.5	2.5	-0.3	13.7
9	8.64	10.88	4.11	3.56	2.84	345.0	2.5	0.0	75.0	7.5	117.5	15.0	2.5	1.2	18.1
10	8.80	11.08	3.78	3.19	2.52	365.0	5.0	0.0	127.5	15.0	180.0	27.5	15.0	0.2	16.8
Mean	8.83	11.14	3.78	3.17	2.40	385.5	5.0	0.0	122.8	10.8	159.3	28.5	7.0	-0.0	15.0
CV	2.0	1.9	4.8	7.7	11.5	20.7	115.5		31.1	52.6	24.8	35.1	71.0	1.2	20.32
s	0.18	0.21	0.18	0.24	0.28	79.8	5.8	0.0	38.2	5.7	39.5	10.0	5.0	1.2	3.0
Q95	0.13	0.15	0.13	0.17	0.20	57.1	4.1		27.3	4.0	28.3	7.2	3.6	0.9	2.2
Min	8.64	10.88	3.45	2.70	2.04	317.5	0.0	0.0	70.0	2.5	105.0	15.0	0.0	-1.9	8.6
Max	9.14	11.52	4.11	3.56	2.84	552.5	20.0	0.0	185.0	20.0	227.5	42.5	15.0	1.4	18.3

Thin -50%
 Thick +50%
 Neps +200%
 Total

0.0
 10.8
 28.5
39.3

K. Patel 28/12/24

[Signature]
 28/12/24

