

DHRUV COTTON Processing pvt. Ltd

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

 Test No : 2574
 Test Date : 3/16/2025
 Test Time : 4:12:00 PM
 Shift : Shift 1

 Nominal Count : 26.00 Nec
 Nominal Strength : 94.2 lbs
 Sample Length : 120 Yards
 Process : 26/1CH

 WB Temp : 65 `F
 DB Temp : 74 `F
 RH : 60%
 Operator : Admin

Machine	1	Readings 2	3	4	Avg. Value	RHC. Value	Cnt.Corr. Strength	CV%	Change Advice
CONDITION	Cnt 26.14	26.33	25.86	26.39	26.11	25.93	98.22	1.24	
	Str 94.06	95.65	102.15	98.10	97.74	100.67		4.02	
	CSP 2459	2518	2641	2589	2551	2610		3.72	
	25.92	25.43	26.00	26.33					
	95.92	103.83	96.55	91.68					
	2486	2640	2511	2414					
	26.13	26.55							
	97.00	102.48							
	2534	2721							

Statistical Report

	Nom.	Avg.	Min.	Max.	Range	CV%	RHC.	Q95
Count	26.00	26.11	25.43	26.55	1.11	1.24	25.93	0.23
Strength	94.20	97.74	91.68	103.83	12.15	4.02	100.67	2.77
CSP	2449	2551	2414	2721	307	3.72	2610	66.79

Process capability:-	Expected	Achieved	Exp. CV%
Count	25.22 <-> 26.78	25.14 <-> 27.08	1.00
Strength	84.31 <-> 104.09	85.95 <-> 109.54	3.50
CSP	2119 <-> 2780	2267 <-> 2836	4.50

Count : No critical difference (Calculated : 0.4153% Normal : 4%)

Strength : No critical difference (Calculated : 3.6913% Normal : 8%)

CSP : In Units of Nec.lbs

Remarks:- 26/1CH

Operator

QCM

GM



DHRUV COTTON PROCESSING PVT LTD

ATKOT-JASDAN ROAD RAJKOT, GUJARAT-360040 INDIA

USTER® TESTER 5 - M R 3.7.0 Sun 16.03.25 19:05

Operator

KOMAL

Page 1

TU

UT5-1

Catalog

D2

Style

YCP CONES

Sample ID

95052

Nom. count

Nec 26

Nom. twist

19.12 T/inch

Tests

10 / 1

v= 400 m/min

t= 1 min

Meas. slot

3

Short staple

Dhruv UT5 Testing Report

Article 26/1CH

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%

26/1CH

Total tests : 10 / 10 Single test(s)

Nr	U% %	CVm %	CVm 1m %	CVm 3m %	CVm 10m %	Thin -30% /km	Thin -40% /km	Thin -50% /km	Thick +35% /km	Thick +50% /km	Neps +140% /km	Neps +200% /km	Neps +280% /km	Rel. Cnt ± %	DR 1.5m %
1	8.72	10.99	3.53	2.77	2.18	372.5	0.0	0.0	102.5	15.0	85.0	27.5	17.5	-2.2	10.3
2	8.75	11.04	3.83	3.09	2.41	387.5	7.5	0.0	112.5	12.5	102.5	22.5	0.0	-1.9	16.4
3	8.23	10.60	4.09	3.31	2.35	225.0	0.0	0.0	57.5	12.5	85.0	30.0	7.5	2.2	14.0
4	8.59	10.88	4.31	3.65	3.00	250.0	0.0	0.0	87.5	15.0	110.0	25.0	15.0	-0.9	21.3
5	8.83	11.10	3.60	2.60	2.08	367.5	12.5	0.0	102.5	10.0	85.0	27.5	10.0	-0.5	10.9
6	8.79	11.13	3.54	2.74	2.04	415.0	7.5	0.0	90.0	10.0	75.0	25.0	10.0	0.2	13.3
7	8.80	11.12	3.63	2.77	2.09	445.0	10.0	0.0	127.5	15.0	125.0	30.0	5.0	-0.7	11.7
8	8.66	11.11	4.06	3.30	2.43	377.5	17.5	0.0	145.0	17.5	132.5	55.0	27.5	1.4	17.6
9	8.61	10.92	3.54	2.87	2.12	325.0	5.0	0.0	107.5	10.0	110.0	27.5	7.5	2.2	13.1
10	8.57	10.86	3.40	2.84	2.18	367.5	2.5	0.0	85.0	10.0	95.0	30.0	7.5	0.3	13.0
Mean	8.65	10.97	3.75	3.00	2.29	353.3	6.3	0.0	101.8	12.8	100.5	30.0	10.8	-0.0	14.2
CV	2.0	1.5	8.1	11.1	12.5	19.5	94.8		23.8	21.6	18.8	30.4	71.1	1.5	23.76
s	0.17	0.17	0.30	0.33	0.29	68.9	5.9	0.0	24.2	2.8	18.9	9.1	7.6	1.5	3.4
Q95	0.12	0.12	0.22	0.24	0.20	49.3	4.2		17.3	2.0	13.5	6.5	5.5	1.1	2.4
Min	8.23	10.60	3.40	2.60	2.04	225.0	0.0	0.0	57.5	10.0	75.0	22.5	0.0	-2.2	10.3
Max	8.83	11.13	4.31	3.65	3.00	445.0	17.5	0.0	145.0	17.5	132.5	55.0	27.5	2.2	21.3

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

0.0
12.8
30.0

42.8

