

M M YARNS Pvt Ltd,
KARACHIYA (Jam), GONDAL- ATKOT ROAD
ATKOT-JASDAN, 360060
RAJKOT (GUJARAT), INDIA

Test No : 984	Nominal Count : 24.00 Nec	WB Temp : 68 °F
Test Date : 15-May-25	Nominal Strength : 103.12 lbs	DB Temp : 77 °F
Test Time : 3:19:11 PM	Sample Length : 120 Yards	RH : 65%
Shift : Shift 1	Process : 24CH	Operator : Admin

Machine	1	Readings 2	3	4	Avg. Value	RHC Value	Cnt.Corr. Strength	CV%	Change Advice
CONDITION	Cnt 24.48	24.31	24.48	24.10	24.15	24.15	103.89	1.28	
	Str 97.22	101.71	103.93	106.57	103.12	103.12		4.10	
	CSP 2380	2472	2544	2568	2490	2490		4.12	
	24.44	24.15	24.31	23.74					
	99.65	100.00	98.70	104.12					
	2436	2415	2400	2472					
	24.60	23.60	24.31	24.12					
	102.06	104.29	97.58	101.22					
	2511	2461	2373	2442					
	23.81	23.96	24.01	23.70					
	99.00	105.97	110.58	107.50					
	2358	2538	2655	2548					
	23.87	24.03	24.56	24.48					
	97.50	107.90	108.18	108.66					
	2327	2592	2657	2660					

No 24/1
Combed Knitting
100% Cotton Yarn

Statistical Report

	Nom.	Avg.	Min.	Max.	Range	CV%	RHC.	Q95
Count	24.00	24.15	23.60	24.60	1.00	1.28	24.15	0.14
Strength	103.12	103.12	97.22	110.58	13.36	4.10	103.12	1.97
CSP	2475	2490	2327	2660	333	4.12	2490	47.88

Process capability:-	Expected	Achieved	Exp. CV%
Count	23.28 <-> 24.72	23.23 <-> 25.08	1.00
Strength	96.93 <-> 109.31	90.44 <-> 115.79	2.00
CSP	2178 <-> 2772	2183 <-> 2798	4.00

Count : No critical difference (Calculated : 0.6388% Normal : 2.8284%)

Strength : No critical difference (Calculated : 0.0035% Normal : 5.6569%)

CSP : In Units of Nec.lbs

Remarks:- 24/1CH LOT NO-13240C77 JK YARNS LOT INSPECTION REPORT

Operator

QCM

[Signature]
15/5/25



M M YARNS PVT. LTD.

ATKOT-GONDAL HIGHWAY,RAJKOT,GUJARAT,INDIA.

USTER® TESTER 5 - S400 R 6.0.0.0 Thu 15.05.25 15:05

Operator SUMITRA

Page 1

TU UT5-1

Catalog M1

Temp 25 °C

Rel.H 51.2 %

Style YCP CONE

Sample ID 62278

Nom. count Nec 24

Nom. twist 18.2 T/inch

Tests 20 / 1

v= 400 m/min t= 1 min

Meas. slot 3

Short staple

MM REPORT

Article 24CH

Material class Yarn

Mach. Nr.

Uster Statistics 100% CO, ring yarn, combed, package, knitting, 2018

Fiber Cotton 4.2dtex 29.8mm 0%

Cotton 0%

Cotton 0%

24/1CH LOT NO - 13240C77 JK YARN LOT INSPECTION

№ 24/1
Combed Knitting
100% Cotton Yarn

Total tests : 20 / 20 Single test(s)

Nr	U%	CVm	CVm 1m	CVm 3m	CVm 10m	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	8.70	11.06	3.48	2.88	2.20	5.0	0.0	132.5	15.0	170.0	47.5	27.5	-1.6	13.4
2	9.08	11.49	4.27	3.77	2.93	15.0	0.0	145.0	10.0	140.0	20.0	0.0	-1.1	18.7
3	9.14	11.57	3.59	2.80	2.07	22.5	0.0	167.5	17.5	187.5	22.5	5.0	-0.6	13.0
4	8.69	10.98	3.89	3.30	2.48	12.5	0.0	112.5	10.0	167.5	42.5	10.0	-2.5	18.8
5	9.05	11.42	3.77	3.07	2.34	17.5	0.0	110.0	15.0	142.5	30.0	7.5	-0.4	12.6
6	9.31	11.77	3.47	2.85	1.83	12.5	0.0	220.0	22.5	205.0	30.0	5.0	0.2	13.6
7	8.64	10.89	3.40	2.87	2.28	2.5	0.0	67.5	5.0	125.0	17.5	0.0	4.5	13.2
8	8.82	11.12	2.97	2.44	1.83	2.5	0.0	110.0	10.0	130.0	32.5	17.5	1.0	6.8
9	8.75	11.11	3.42	2.89	2.22	12.5	0.0	117.5	7.5	125.0	27.5	10.0	2.0	13.4
10	9.16	11.61	3.06	2.46	1.74	15.0	0.0	210.0	22.5	172.5	35.0	10.0	0.7	8.4
11	9.10	11.46	3.17	2.51	1.97	17.5	0.0	162.5	17.5	190.0	22.5	7.5	1.0	9.7
12	9.19	11.58	3.28	2.51	1.75	15.0	0.0	197.5	15.0	202.5	17.5	7.5	1.3	10.4
13	9.04	11.45	3.39	2.80	1.99	7.5	0.0	177.5	12.5	165.0	30.0	12.5	1.3	12.5
14	8.85	11.19	3.11	2.44	1.91	7.5	0.0	107.5	10.0	142.5	22.5	12.5	-0.0	9.1
15	8.70	10.99	3.13	2.60	1.99	20.0	0.0	92.5	10.0	167.5	25.0	7.5	-0.5	9.1
16	8.97	11.37	3.22	2.53	1.64	15.0	0.0	150.0	17.5	190.0	37.5	17.5	0.3	10.7
17	9.25	11.74	3.84	3.20	2.47	20.0	0.0	170.0	12.5	172.5	17.5	7.5	0.2	16.7
18	8.60	10.84	3.42	2.75	2.04	7.5	0.0	65.0	10.0	80.0	22.5	10.0	-2.3	11.7
19	8.87	11.21	3.59	2.97	2.22	12.5	0.0	137.5	12.5	145.0	15.0	10.0	-1.5	13.4
20	9.10	11.53	3.44	2.79	2.11	12.5	0.0	165.0	27.5	212.5	15.0	7.5	-2.0	12.6
Mean	8.95	11.32	3.45	2.82	2.10	12.6	0.0	140.9	14.0	161.6	26.5	9.6	0.0	12.4
CV	2.5	2.5	9.2	11.9	14.5	45.2		31.0	39.9	20.4	34.4	63.8	1.7	25.53
Q95	0.10	0.13	0.15	0.16	0.14	2.7		20.4	2.6	15.4	4.3	2.9	0.8	1.5
s	0.22	0.28	0.32	0.33	0.31	5.7	0.0	43.7	5.6	33.0	9.1	6.1	1.7	3.2
Min	8.60	10.84	2.97	2.44	1.64	2.5	0.0	65.0	5.0	80.0	15.0	0.0	-2.5	6.8
Max	9.31	11.77	4.27	3.77	2.93	22.5	0.0	220.0	27.5	212.5	47.5	27.5	4.5	18.8
USP™18		19	47	55	46	13	< 5	27	35	41	48			

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

0.0
 14.0
 26.5
 40.5

Operator

QCM

Signature
 15/5/25