

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

Test No : 530	Nominal Count : 36.00 Nec	WB Temp : 68 'F
Test Date : 26-Apr-25	Nominal Strength : 71.33 lbs	DB Temp : 77 'F
Test Time : 3:06:24 PM	Sample Length : 120 Yards	RH : 65%
Shift : Shift 1	Process : 36CH	Operator : Admin

Machine	1	Readings 2	3	4	Avg. Value	RHC. Value	Cnt.Corr. Strength	CV%	Change Advice
CONDITION	Cnt 35.94	36.55	35.92	36.00	36.02	36.02	71.38	1.41	
	Str 77.31	73.98	74.82	74.02	71.33	71.33		4.93	
	CSP 2779	2704	2688	2665	2569	2569		4.95	
	35.96	35.84	36.10	36.26					
	75.24	70.90	70.19	70.65					
	2706	2541	2534	2562					
	36.49	35.12	36.63	36.55					
	66.95	68.34	70.17	72.09					
	2443	2400	2570	2635					
	36.38	36.38	35.29	36.61					
	75.59	70.34	72.92	65.96					
	2750	2559	2574	2415					
	35.08	35.18	35.78	36.30					
	73.69	71.93	63.87	67.62					
	2585	2531	2285	2455					

Ne 36/1
Combed Knitting
100% Cotton Yarn

Statistical Report								
	Nom.	Avg.	Min.	Max.	Range	CV%	RHC.	Q95
Count	36.00	36.02	35.08	36.63	1.55	1.41	36.02	0.24
Strength	71.33	71.33	63.87	77.31	13.44	4.93	71.33	1.64
CSP	2568	2569	2285	2779	493	4.95	2569	59.27
Process capability:-	Expected		Achieved		Exp. CV%			
Count	34.92 <-> 37.08		34.49 <-> 37.55		1.00			
Strength	67.05 <-> 75.61		60.77 <-> 81.89		2.00			
CSP	2260 <-> 2876		2188 <-> 2950		4.00			

Count : No critical difference (Calculated : 0.0514% Normal : 2.8284%)

Strength : No critical difference (Calculated : 0.0006% Normal : 5.6569%)

CSP : In Units of Nec.lbs

Remarks:- 36/1CH LOT NO-JK/36/82 JK YARN LOT INSPECTION REPORT

Operator



FM



M M YARNS PVT. LTD.

ATKOT-GONDAL HIGHWAY,RAJKOT,GUJARAT,INDIA.

USTER® TESTER 5 - S400 R 6.0.0.0 Sat 26.04.25 14:53

Operator SUMITRA

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TU UT5-1

Catalog M1

Temp 23,4 °C

Rel.H 46.3 %

Style YCP CONE

Sample ID 61838

Nom. count Nec 36

Nom. twist 22.5 T/inch

Tests 20 / 1

v= 400 m/min t= 1 min

Meas. slot 4

Short staple

MM REPORT

Article 36CH

Material class Yarn

Mach. Nr.

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

Fiber Cotton 4.2dtex 29.8mm 100% Cotton 0%

Cotton 0%

36/1CH LOT NO - JK/36/82 JK YARN LOT INSPECTION

№ 36/1
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	9.33	11.81	3.52	2.91	2.06	25.0	0.0	197.5	17.5	300.0	72.5	30.0	-0.9	12.1
2	9.57	12.10	3.79	3.22	2.56	32.5	0.0	210.0	27.5	295.0	57.5	15.0	0.5	17.8
3	9.18	11.71	3.64	3.14	2.70	12.5	2.5	142.5	12.5	187.5	42.5	12.5	0.2	14.9
4	9.55	12.01	3.68	3.02	2.31	30.0	0.0	147.5	15.0	290.0	47.5	17.5	0.7	12.8
5	9.57	12.15	3.97	3.44	3.01	25.0	0.0	232.5	22.5	290.0	57.5	20.0	0.9	19.8
6	9.68	12.29	3.48	2.78	2.18	52.5	0.0	295.0	25.0	282.5	67.5	20.0	-0.0	10.8
7	9.84	12.45	4.53	4.00	3.47	30.0	0.0	222.5	30.0	237.5	60.0	20.0	0.3	22.5
8	9.70	12.22	3.72	2.91	2.14	42.5	0.0	235.0	25.0	280.0	60.0	22.5	-0.1	12.1
9	9.46	11.93	3.46	2.75	2.24	42.5	2.5	182.5	10.0	237.5	52.5	10.0	-0.6	9.9
10	9.67	12.23	3.85	3.16	2.37	32.5	0.0	230.0	15.0	322.5	67.5	30.0	0.1	18.1
11	9.66	12.28	4.14	3.44	2.72	30.0	0.0	210.0	22.5	295.0	70.0	22.5	-0.6	18.6
12	9.51	11.99	3.23	2.52	1.93	40.0	0.0	205.0	20.0	330.0	65.0	27.5	-1.1	9.2
13	9.85	12.47	3.85	3.05	2.54	32.5	0.0	215.0	25.0	392.5	67.5	12.5	1.0	14.8
14	10.00	12.66	3.69	3.00	2.28	75.0	0.0	262.5	15.0	462.5	75.0	20.0	0.2	11.6
15	9.96	12.57	3.51	2.62	1.73	60.0	2.5	257.5	7.5	575.0	85.0	17.5	0.4	11.8
16	10.15	12.83	3.85	3.07	2.24	77.5	0.0	312.5	17.5	530.0	85.0	10.0	-0.6	14.3
17	9.69	12.24	3.62	3.02	2.58	45.0	0.0	192.5	20.0	382.5	60.0	2.5	-0.7	13.2
18	9.51	12.01	3.52	2.83	2.19	40.0	0.0	182.5	20.0	407.5	62.5	7.5	2.3	12.3
19	9.61	12.11	3.36	2.69	2.10	35.0	0.0	172.5	17.5	270.0	40.0	2.5	-1.1	8.7
20	9.72	12.27	3.31	2.58	1.89	30.0	0.0	247.5	30.0	367.5	62.5	15.0	-0.9	11.2
Mean	9.66	12.22	3.69	3.01	2.36	39.5	0.4	217.6	19.8	336.8	62.9	16.8	0.0	13.8
CV	2.3	2.3	8.2	11.6	17.2	41.2	244.2	20.2	31.8	29.2	19.0	47.5	0.9	27.16
Q95	0.11	0.13	0.14	0.16	0.19	7.6	0.4	20.5	2.9	46.0	5.6	3.7	0.4	1.8
s	0.23	0.28	0.30	0.35	0.41	16.3	0.9	43.9	6.3	98.2	11.9	8.0	0.9	3.8
Min	9.18	11.71	3.23	2.52	1.73	12.5	0.0	142.5	7.5	187.5	40.0	2.5	-1.1	8.7
Max	10.15	12.83	4.53	4.00	3.47	77.5	2.5	312.5	30.0	575.0	85.0	30.0	2.3	22.5
USP™18		15	49	62	61	< 5	< 5	23	7	35	52			

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

0.4
19.8
62.9

83.1

Operator

RCM

GM