

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

Test No : 1067	Nominal Count : 38.00 Nec	WB Temp : 68 °F
Test Date : 19-May-25	Nominal Strength : 64.22 lbs	DB Temp : 77 °F
Test Time : 10:22:12 AM	Sample Length : 120 Yards	RH : 65%
Shift : Shift 1	Process : 38 CH	Operator : Admin

Machine	1	Readings 2	3	4	Avg. Value	RHC. Value	Cnt.Corr. Strength	CV%	Change Advice
CONDITION	Cnt 37.61	38.12	37.01	37.54	38.00	38.00	64.21	1.17	
	Str 69.62	61.61	67.83	58.53	64.22	64.22		4.42	
	CSP 2618	2348	2510	2197	2440	2440		4.56	
	37.70	38.23	38.09	38.34					
	66.24	62.28	66.86	65.44					
	2497	2381	2547	2509					
	37.74	38.37	37.50	37.83					
	65.12	63.72	62.24	66.48					
	2458	2445	2334	2515					
	38.53	38.14	38.05	38.43					
	65.41	61.61	66.01	63.97					
	2520	2350	2512	2458					
	38.39	38.59	37.31	38.41					
	62.68	64.97	58.74	65.09					
	2406	2508	2191	2500					

No 38/1
Combed Knitting
100% Cotton Yarn

Statistical Report

	Nom.	Avg.	Min.	Max.	Range	CV%	RHC.	Q95
Count	38.00	38.00	37.01	38.59	1.59	1.17	38.00	0.21
Strength	64.22	64.22	58.53	69.62	11.09	4.42	64.22	1.32
CSP	2440	2440	2191	2618	427	4.56	2440	51.90

Process capability:-	Expected	Achieved	Exp. CV%
Count	36.86 <-> 39.14	36.66 <-> 39.33	1.00
Strength	60.37 <-> 68.07	55.71 <-> 72.74	2.00
CSP	2148 <-> 2733	2106 <-> 2774	4.00

Count : No critical difference (Calculated : 0.0105% Normal : 2.8284%)
Strength : No critical difference (Calculated : 0.0055% Normal : 5.6569%)
CSP : In Units of Nec.lbs

Remarks:- 38/1CH LOT NO-JK/38/100 JK YARNS LOT INSPECTION

Operator

QCM

FM



M M YARNS PVT. LTD.

ATKOT-GONDAL HIGHWAY,RAJKOT,GUJARAT,INDIA.

USTER® TESTER 5 - S400 R 6.0.0.0 Mon 19.05.25 10:32

Operator SUMITRA

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TU UT5-1

Catalog M1

Temp

23 °C

Rel.H 48 %

Style YCP CONE

Sample ID 62370

Nom. count

Nec 38

Nom. twist 23.12 T/inch

Tests 20 / 1

v= 400 m/min t= 1 min

Meas. slot

4

Short staple

MM REPORT

Article 38CH

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%

38/1CH LOT NO - JK/38/100 JK YARN LOT INSPECTION

No 38/1
Combed Knitting
100% Cotton Yarn

Total tests : 20 / 20 Single test(s)

Nr	U%	CVm	CVm	CVm	CVm	Thin	Thin	Thick	Thick	Neps	Neps	Neps	Rel.	DR
	%	%	1m	3m	10m	-40%	-50%	+35%	+50%	+140%	+200%	+280%	Cnt ±	1.5m
			%	%	%	/km	/km	/km	/km	/km	/km	/km	%	%
1	9.55	12.04	3.60	3.06	2.53	22.5	0.0	162.5	15.0	477.5	60.0	17.5	2.0	11.9
2	9.37	11.97	3.49	2.81	2.36	22.5	0.0	195.0	27.5	362.5	80.0	27.5	1.1	11.8
3	9.65	12.21	3.48	2.94	2.29	27.5	0.0	222.5	25.0	437.5	77.5	22.5	1.2	10.2
4	9.92	12.52	3.54	2.97	2.37	35.0	0.0	240.0	22.5	505.0	60.0	7.5	-0.8	10.9
5	9.86	12.45	3.23	2.55	1.96	37.5	0.0	232.5	17.5	480.0	50.0	12.5	-0.9	9.3
6	9.82	12.40	3.43	2.71	2.20	60.0	2.5	235.0	12.5	495.0	72.5	15.0	-0.3	11.3
7	9.61	12.19	3.48	2.79	2.26	30.0	0.0	212.5	32.5	457.5	90.0	25.0	0.0	12.0
8	9.78	12.37	3.88	3.29	2.82	30.0	0.0	217.5	20.0	507.5	72.5	20.0	0.1	16.2
9	9.72	12.30	3.53	2.86	2.23	27.5	0.0	240.0	20.0	525.0	82.5	32.5	-1.3	13.0
10	9.50	12.04	3.54	2.87	2.44	27.5	0.0	230.0	30.0	490.0	102.5	30.0	-0.7	10.0
11	9.59	12.10	2.96	2.27	1.71	37.5	0.0	225.0	22.5	572.5	60.0	25.0	-0.6	5.5
12	9.60	12.15	3.24	2.56	1.86	42.5	0.0	212.5	27.5	547.5	85.0	30.0	0.1	7.3
13	9.76	12.34	3.85	3.32	2.78	40.0	0.0	182.5	12.5	342.5	42.5	5.0	0.1	15.5
14	9.93	12.53	3.69	3.14	2.43	52.5	2.5	247.5	12.5	560.0	65.0	5.0	0.6	14.4
15	10.04	12.67	4.12	3.67	3.27	50.0	0.0	247.5	27.5	395.0	57.5	12.5	-0.1	19.5
16	9.54	12.07	3.71	3.12	2.60	40.0	0.0	195.0	17.5	337.5	62.5	12.5	0.9	14.3
17	9.73	12.32	3.74	3.11	2.51	35.0	0.0	220.0	22.5	380.0	67.5	27.5	0.6	12.9
18	9.85	12.39	3.69	3.04	2.52	57.5	0.0	230.0	17.5	592.5	82.5	17.5	-0.6	14.5
19	9.87	12.48	3.49	2.89	2.42	52.5	0.0	227.5	30.0	537.5	97.5	37.5	-0.9	13.0
20	9.81	12.45	3.68	3.00	2.34	60.0	2.5	227.5	20.0	450.0	72.5	20.0	-0.8	12.7
Mean	9.73	12.30	3.57	2.95	2.40	39.4	0.4	220.1	21.6	472.6	72.0	20.1	-0.0	12.3
CV	1.8	1.6	7.1	10.4	14.3	31.2	244.2	10.0	28.6	16.2	21.5	46.2	0.9	25.33
Q95	0.08	0.09	0.12	0.14	0.16	5.7	0.4	10.3	2.9	35.9	7.2	4.4	0.4	1.5
s	0.17	0.19	0.25	0.31	0.34	12.3	0.9	21.9	6.2	76.6	15.5	9.3	0.9	3.1
Min	9.37	11.97	2.96	2.27	1.71	22.5	0.0	162.5	12.5	337.5	42.5	5.0	-1.3	5.5
Max	10.04	12.67	4.12	3.67	3.27	60.0	2.5	247.5	32.5	592.5	102.5	37.5	2.0	19.5
USP™18		13	39	56	63	<5	<5	21	5	45	54			

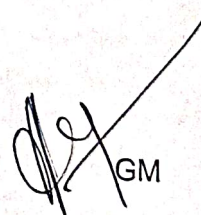
Thin -50%
Thick +50%
Neps +200%
Total

0.4
21.6
72.0

94.0

Operator

QCM


GM