

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

Test No : 3594	Nominal Count : 32.00 Nec	WB Temp : 68 °F
Test Date : 27-Oct-24	Nominal Strength : 79.42 lbs	DB Temp : 77 °F
Test Time : 11:53:38 AM	Sample Length : 120 Yards	RH : 65%
Shift : Shift 1	Process : 32 CH	Operator : Admin

Machine	1	Readings 2	3	4	Avg. Value	RHC Value	Cnt.Corr. Strength	CV%	Change Advice
CONDITION	Cnt 31.17	32.13	32.02	32.63	32.19	32.19	80.00	1.37	
	Str 83.80	81.56	80.80	78.97	79.42	79.42		3.59	
	CSP 2612	2620	2587	2577	2556	2556		2.78	
	32.02	32.24	32.13	32.63					
	81.06	79.64	80.18	75.00					
	2595	2567	2576	2447					
	32.27	32.68							
	74.54	78.70							
	2405	2572							

Statistical Report

	Nom.	Avg.	Min.	Max.	Range	CV%	RHC.	Q95
Count	32.00	32.19	31.17	32.68	1.51	1.37	32.19	0.31
Strength	79.42	79.42	74.54	83.80	9.26	3.59	79.42	2.01
CSP	2541	2556	2405	2620	215	2.78	2556	50.11

Process capability:-	Expected	Achieved	Exp. CV%
Count	31.04 <-> 32.96	30.87 <-> 33.51	1.00
Strength	74.65 <-> 84.19	70.87 <-> 87.97	2.00
CSP	2236 <-> 2846	2342 <-> 2769	4.00

Count : No critical difference (Calculated : 0.5904% Normal : 4%)

Strength : No critical difference (Calculated : 0.0057% Normal : 8%)

CSP : In Units of Nec.lbs

Remarks:- 32/1CH YCP CONE

Operator

QCM

FM

**MM YARNS PVT. LTD.****ATKOT-GONDAL HIGHWAY,RAJKOT,GUJARAT,INDIA.**

USTER® TESTER 5 - S400 R 6.0.0.0 Sun 27.10.24 19:02
 TU UT5-1 Catalog M1
 Style YCP CONE Sample ID 57963
 Tests 10 / 1 v= 400 m/min t= 1 min

Operator ANKITA
 Temp 25.9 °C
 Nom. count Nec 32
 Meas. slot 4

Page 1
 Rel.H 30.6 %
 Nom. twist 20.93 T/inch
 Short staple

MM REPORT

Article 32CH 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%
 32/1CH YCP CONE

Total tests : 10 / 10 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	9.46	11.86	4.00	3.23	2.48	17.5	0.0	207.5	15.0	325.0	60.0	10.0	-2.0	20.7
2	9.12	11.51	3.46	2.83	2.21	20.0	0.0	127.5	10.0	325.0	67.5	17.5	-0.8	14.9
3	9.02	11.34	3.60	2.97	2.43	12.5	0.0	122.5	15.0	355.0	62.5	12.5	0.9	18.1
4	9.35	11.85	3.99	3.32	2.62	20.0	0.0	192.5	20.0	387.5	90.0	25.0	-1.1	20.2
5	9.18	11.57	3.90	3.28	2.62	10.0	0.0	125.0	12.5	262.5	67.5	10.0	1.6	18.6
6	9.29	11.71	3.64	3.10	2.42	20.0	0.0	192.5	10.0	277.5	57.5	12.5	-0.6	17.8
7	9.07	11.51	4.44	3.91	3.22	7.5	0.0	125.0	5.0	252.5	55.0	12.5	0.7	27.6
8	9.49	12.00	3.93	2.95	2.17	32.5	0.0	162.5	12.5	262.5	65.0	7.5	0.9	18.3
9	9.31	11.82	3.99	3.38	2.75	10.0	2.5	187.5	7.5	347.5	57.5	12.5	0.7	21.5
10	9.29	11.71	4.13	3.67	3.27	7.5	0.0	140.0	10.0	287.5	52.5	15.0	-0.3	22.2
Mean	9.26	11.69	3.91	3.27	2.62	15.8	0.3	158.3	11.8	308.3	63.5	13.5	0.0	20.0
CV	1.7	1.7	7.2	10.2	14.3	49.7	316.2	21.5	36.2	15.0	16.2	36.2	1.1	17.14
Q95	0.11	0.15	0.20	0.24	0.27	5.6	0.6	24.3	3.0	33.1	8.0	3.5	0.8	2.4
s	0.16	0.20	0.28	0.33	0.37	7.8	0.8	34.0	4.3	46.2	11.2	4.9	1.1	3.4
Min	9.02	11.34	3.46	2.83	2.17	7.5	0.0	122.5	5.0	252.5	52.5	7.5	-2.0	14.9
Max	9.49	12.00	4.44	3.91	3.27	32.5	2.5	207.5	20.0	387.5	90.0	25.0	1.6	27.6
USP™18		9	69	81	81	< 5	< 5	16	< 5	43	69			

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

0.3
 11.8
 63.5

 75.6

Operator

QCM

GM