

DHRUV COTTON Processing pvt. Ltd

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

Test No : 2808	Nominal Count : 30.00 Nec	WB Temp : 65 °F
Test Date : 4/10/2025	Nominal Strength : 92 lbs	DB Temp : 74 °F
Test Time : 1:37:10 PM	Sample Length : 120 Yards	RH : 60%
Shift : Shift 1	Process : 30/1CCH	Operator : Admin

Machine	1	Readings	2	3	4	Avg. Value	RHC. Value	Cnt.Corr. Strength	CV%	Change Advice
CONDITION	Cnt 30.42	30.00	29.81	30.38	30.13	29.92	96.78	1.21		
	Str 93.75	89.98	99.26	97.21	96.29	99.18		3.69		
	CSP 2852	2699	2958	2953	2901	2967		4.00		
	30.06	29.92	29.77	30.24						
	99.47	90.88	103.95	98.67						
	2989	2719	3094	2984						
	30.04	30.47	30.04	30.58						
	93.10	94.98	94.78	95.98						
	2797	2893	2847	2935						
	30.31	30.18	30.17	30.47						
	94.65	98.68	96.89	99.44						
	2869	2978	2923	3030						
	30.74	29.33	29.39	30.25						
	97.87	90.13	98.05	98.11						
	3008	2644	2881	2968						

NE 30/1CCH
100% COTTON COMBED YARN
Usterized, Siro Clean, Export Quality

Statistical Report

	Nom.	Avg.	Min.	Max.	Range	CV%	RHC.	Q95
Count	30.00	30.13	29.33	30.74	1.41	1.21	29.92	0.17
Strength	92.00	96.29	89.98	103.95	13.97	3.69	99.18	1.66
CSP	2760	2901	2644	3094	450	4.00	2967	54.12
Process capability:-	Expected		Achieved		Exp. CV%			
Count	29.10 <-> 30.90		29.04 <-> 31.22		1.00			
Strength	82.34 <-> 101.66		85.64 <-> 106.94		3.50			
CSP	2387 <-> 3133		2553 <-> 3249		4.50			

Count : No critical difference (Calculated : 0.4234% Normal : 2.8284%)

Strength : No critical difference (Calculated : 4.5574% Normal : 5.6569%)

CSP : In Units of Nec.lbs

Remarks:- NE 30/1CCH JK YARNS LOT INSPECTION LOT NO:-15301-C17.

Operator

QCM

GM



DHRUV COTTON PROCESSING PVT LTD
ATKOT-JASDAN ROAD RAJKOT, GUJARAT-360040 INDIA

USTER® TESTER 5 - M R 3.7.0 Thu 10.04.25 11:03 Operator KUSUM

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TU UT5-1 Catalog D2
 Style YCP CONES Sample ID 95198 Nom. count Nec 30 Nom. twist 19.17 T/inch
 Tests 20 / 1 v= 400 m/min t= 1 min Meas. slot 4 Short staple

Dhruv UT5 Testing Report

Article 30/1CCH Material class Yarn Mach. Nr. PKG

Uster Statistics 100% CO, ring yarn, combed, cones, knitting, 2013

Fiber Cotton 4.05Micr 30mm 100% Cotton 0%

Cotton 0%

30/1CCH,JK YARNS LOT INSPECTION LOT NO;-15301-C17.

NE 30/1CCH

100% COTTON COMBED YARN
 Usterized,Siro Clean,Export Quality

Total tests : 20 / 20 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	8.99	11.38	3.74	3.14	2.32	542.5	10.0	0.0	122.5	12.5	157.5	25.0	7.5	1.0	12.4
2	9.09	11.49	3.60	3.10	2.19	542.5	20.0	0.0	147.5	10.0	195.0	45.0	10.0	-0.2	14.7
3	9.10	11.48	3.92	3.38	2.49	405.0	12.5	0.0	115.0	10.0	117.5	30.0	7.5	1.4	18.7
4	8.99	11.38	3.46	2.92	2.06	437.5	15.0	0.0	157.5	7.5	165.0	45.0	5.0	0.8	12.8
5	9.02	11.39	3.81	3.33	2.54	475.0	12.5	0.0	110.0	10.0	157.5	47.5	15.0	0.2	15.0
6	8.97	11.37	3.44	2.64	2.05	462.5	12.5	0.0	170.0	17.5	117.5	20.0	7.5	0.2	9.7
7	9.10	11.57	3.91	3.32	2.70	460.0	7.5	0.0	195.0	20.0	117.5	27.5	7.5	0.3	17.0
8	8.95	11.28	3.55	2.96	2.02	400.0	20.0	0.0	152.5	7.5	107.5	27.5	7.5	1.8	14.7
9	9.09	11.52	4.08	3.44	2.61	410.0	2.5	0.0	152.5	20.0	87.5	27.5	7.5	0.6	17.3
10	8.97	11.34	3.62	3.02	2.08	452.5	2.5	0.0	125.0	10.0	157.5	55.0	17.5	0.6	13.9
11	8.97	11.37	3.72	3.07	2.24	422.5	5.0	0.0	150.0	15.0	130.0	37.5	20.0	0.9	16.4
12	8.78	11.19	3.25	2.59	1.50	405.0	5.0	0.0	150.0	20.0	110.0	22.5	10.0	-0.3	10.6
13	9.04	11.43	3.56	2.96	2.22	467.5	12.5	0.0	157.5	15.0	135.0	27.5	5.0	-0.7	13.1
14	9.14	11.54	3.93	3.45	2.64	470.0	12.5	0.0	122.5	12.5	170.0	42.5	15.0	1.1	18.4
15	9.05	11.41	3.89	3.33	2.45	425.0	10.0	0.0	137.5	15.0	157.5	27.5	10.0	-0.9	12.8
16	8.99	11.35	3.49	2.81	1.68	545.0	10.0	0.0	127.5	12.5	190.0	47.5	12.5	-1.7	9.3
17	9.21	11.64	4.23	3.66	2.78	570.0	20.0	0.0	147.5	15.0	182.5	35.0	10.0	-2.1	19.3
18	9.09	11.48	3.80	3.22	2.53	537.5	17.5	0.0	165.0	12.5	210.0	35.0	10.0	-2.4	16.5
19	9.27	11.71	4.30	3.62	2.72	520.0	12.5	0.0	160.0	10.0	130.0	30.0	10.0	-0.5	18.1
20	9.35	11.78	3.84	3.22	2.46	625.0	12.5	0.0	175.0	15.0	247.5	47.5	10.0	0.0	14.2
Mean	9.06	11.46	3.76	3.16	2.31	478.8	11.6	0.0	147.0	13.4	152.1	35.1	10.3	0.0	14.7
CV	1.4	1.3	7.2	9.3	15.0	13.4	45.9		14.8	29.3	26.1	28.8	38.7	1.1	20.12
s	0.12	0.14	0.27	0.29	0.35	64.3	5.3	0.0	21.7	3.9	39.8	10.1	4.0	1.1	3.0
Q95	0.06	0.07	0.13	0.14	0.16	30.1	2.5		10.2	1.8	18.6	4.7	1.9	0.5	1.4
Min	8.78	11.19	3.25	2.59	1.50	400.0	2.5	0.0	110.0	7.5	87.5	20.0	5.0	-2.4	9.3
Max	9.35	11.78	4.30	3.66	2.78	625.0	20.0	0.0	195.0	20.0	247.5	55.0	20.0	1.8	19.3

Thin -50% 0.0
 Thick +50% 13.4
 Neps +200% 35.1
 Total

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 20/4/25