

Test No : 6081 Nominal Count : 32.00 Nec WB Temp : 73 °F
 Test Date : 01-01-2012 Nominal Strength : 82 lbs DB Temp : 82 °F
 Test Time : 14:47:24 Sample Length : 120 Yards RH : 64%
 Shift : Shift 1 Process : 32/KW Operator : Admin

Machine	Readings				Avg. Value	RHC. Value	Cnt.Corr. Strength	CV%	Change Advice
	1	2	3	4					
AUTOCONER 5	Cnt 32.79	33.09	32.63	32.60	32.58	32.52	92.06	1.11	
	Str 89.27	84.45	91.52	86.19	90.10	90.82		3.64	
	CSP 2927	2795	2986	2809	2935	2952		2.95	
	32.58	33.03	32.71	32.03					
	91.62	88.55	90.09	94.49					
	2985	2924	2947	3027					
	32.09	32.25							
	89.88	94.90							
	2885	3061							

Statistical Report

	Nom.	Avg.	Min.	Max.	Range	CV%	RHC.	Q95
Count	32.00	32.58	32.03	33.09	1.06	1.11	32.52	0.25
Strength	82.00	90.10	84.45	94.90	10.45	3.64	90.82	2.31
CSP	2624	2935	2795	3061	266	2.95	2952	61.09

Process capability:-	Expected	Achieved	Exp. CV%
Count	31.04 <-> 32.96	31.50 <-> 33.66	1.00
Strength	77.08 <-> 86.92	80.24 <-> 99.95	2.00
CSP	2309 <-> 2939	2674 <-> 3195	4.00

Count : No critical difference (Calculated : 1.7987% Normal : 4%)
 Strength : Critically different (Calculated : 9.408% Normal : 8%)
 CSP : In Units of Nec.lbs

Remarks:- REGULAR

Operator

Manager

08-10-11
 S.P.
 8-508
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TU UT5-1 Catalog U1 Temp 28.7 °C Rel.H 47.3 %
 Style CONE Sample ID 07273 Nom. count Nec 32 Nom. twist 22.81 T/inch
 Tests 10 / 1 v= 400 m/min t= 1 min Meas. slot 4 Short staple

STANDARD REPORT

Article 32SKW Material class Yarn Mach. Nr. AC-05
 Uster Statistics CO 100%, carded, ring-spun, cone, weaving 2007
 Fiber Cotton 3.5Micr 31mm 100%
 EXPORT

Total tests : 10 / 10 Single test(s)

Nr	U% %	CVm %	Index	Thin -30% /km	Thin -40% /km	Thin -50% /km	Thick +35% /km	Thick +50% /km	Neps +200% /km	Neps +280% /km	Rel. Cnt ± %	H	sh
1	12.09	15.42	1.78	2498	242.5	2.5	1080	192.5	435.0	72.5	1.2	6.66	1.56
2	11.98	15.36	1.78	2345	217.5	5.0	1208	202.5	480.0	75.0	0.4	6.42	1.53
3	11.83	15.14	1.75	2130	145.0	7.5	988	187.5	382.5	62.5	1.0	6.70	1.64
4	11.31	14.50	1.68	1850	107.5	0.0	820	147.5	345.0	62.5	-0.2	6.54	1.53
5	12.06	15.39	1.78	2463	222.5	7.5	1103	247.5	450.0	80.0	-0.8	7.04	1.56
6	12.11	15.43	1.79	2423	180.0	2.5	1250	225.0	455.0	80.0	1.1	6.23	1.50
7	12.08	15.41	1.78	2338	217.5	2.5	1168	227.5	467.5	65.0	1.0	6.51	1.70
8	11.74	15.01	1.74	2205	177.5	2.5	1070	192.5	430.0	60.0	-0.3	6.94	1.69
9	12.21	15.59	1.80	2520	250.0	10.0	1150	272.5	560.0	107.5	-3.5	6.98	1.62
10	11.54	14.74	1.71	1900	122.5	2.5	960	177.5	422.5	75.0	0.1	6.50	1.50
Mean	11.90	15.20	1.76	2267	188.3	4.3	1080	207.3	442.8	74.0	0.0	6.65	1.58
CV	2.4	2.3	2.3	10.6	26.6	73.6	11.9	17.5	13.0	18.8	1.4	4.0	4.8
s	0.29	0.35	0.04	241	50.0	3.1	129	36.4	57.5	13.9	1.4	0.27	0.08
Min	11.31	14.50	1.68	1850	107.5	0.0	820	147.5	345.0	60.0	-3.5	6.23	1.50
Max	12.21	15.59	1.80	2520	250.0	10.0	1250	272.5	560.0	107.5	1.2	7.04	1.70
Q95	0.21	0.25	0.03	172	35.8	2.2	92	26.0	41.1	9.9	1.0	0.19	0.05

U% = 11.90

4.3

207.3

442.8

654.4