

Wrapping CountRegister Report - Studywise
For Department - AutoConer

Date & Time : 03/01/2025 03:34:29 PM Unit : A
Shift : 1 Mix : mcu-5
Test No : 2 Count : 34sSCH
Count Desc : AUTO CONER
Sample Length : 120.0
Test Desc : 34sKCH

Department : AutoConer
Count Unit : ne
No of Sample : 10
Tested Channel :

Dry Bulb(F) : 77.0
Wet Bulb(F) : 68.0
RH(%) : 62.0

Machine No	<----- Count(Strength) CSP Readings ----->				Avg. Cnt (Strength)	RH. Cnt (Strength)	CV (%)	CSP
A/C-02	32.42 (87.01) 2821	32.38 (77.26) 2502	33.02 (87.03) 2874	32.68 (85.57) 2797	32.43 (84.00)	32.26 (85.76)	1.39 (3.69)	2724
	32.90 (83.89) 2760	31.47 (84.00) 2644	32.45 (86.03) 2792	31.92 (86.00) 2745				
	32.49 (82.13) 2668	32.53 (81.03) 2636						

	Nominal	Average	RH.Corr	Cnt.Corr	Min	Max	Range	CV%
Count	32.50	32.43	32.26	-	31.47	33.02	1.55	1.39
Strength	85.00	84.00	85.76	85.01	77.26	87.03	9.76	3.69
CSP	2763	2724	2767	2763	2502	2874	372	4.06
CCSP: 2763	R.K.M : 16.75		Corr.Coeff: 0.09		Min Exp: 2422		Min Act : 2502	

INVESTIGATOR

QIC

QM

VP



1|550|31.7|31.732|16.05

TU UT5-1 Catalog V1 Temp 26.1 °C Rel.H 56.6 %
Style UNIT-3 Sample ID 94783 Nom. count Nec 32.5 Nom. twist 19.6 T/inch
Tests 10 / 1 v= 400 m/min t= 1 min Meas. slot 4 Short staple
Absorber 100 %

EXTENDED TABLE

Article 34sSCH Material class Yarn Mach. Nr. FINAL
Uster Statistics 100% CO, ring yarn, carded, package, knitting, 2018
Fiber Cotton 4.3Micr 29.5mm 100%
FINAL INSPECTION

Total tests : 10 / 10 Single test(s)

Nr	U%	CVm	CVm 1m	CVm 3m	CVm 10m	DR 1.5m 5%	Inde	Thin -30%	Thin -40%	Thin -50%	Thick +35%	Thick +50%	Thic +70%	Thic +100	Neps +140%	Neps +200%	Neps +280	Neps +400
	%	%	%	%	%	%		/km	/km	/km	/km	/km	/km	/km	/km	/km	/km	/km
1	12.12	15.49	5.33	4.48	3.65	28.8	1.93	2140	167.5	5.0	1120	237.5	25.0	2.5	1958	445.0	125.0	17.5
2	11.76	15.02	4.79	3.81	2.62	28.3	1.87	1963	162.5	2.5	1135	205.0	22.5	5.0	1598	362.5	77.5	7.5
3	12.18	15.58	5.41	4.47	3.57	28.1	1.94	2228	195.0	0.0	1335	240.0	17.5	2.5	1653	382.5	102.5	5.0
4	12.43	15.98	5.02	4.04	3.00	29.1	1.99	2513	217.5	5.0	1475	352.5	75.0	0.0	2018	495.0	107.5	10.0
5	12.99	16.68	5.95	5.08	3.66	33.1	2.08	2668	285.0	5.0	1655	380.0	52.5	10.0	1888	440.0	92.5	20.0
6	12.71	16.27	5.29	4.36	3.48	33.6	2.03	2743	257.5	12.5	1648	347.5	52.5	7.5	2148	555.0	145.0	20.0
7	12.18	15.58	5.98	5.01	4.03	33.5	1.94	2108	160.0	5.0	1205	300.0	35.0	2.5	1640	407.5	95.0	15.0
8	12.20	15.54	5.67	4.56	3.65	34.0	1.93	2065	155.0	2.5	1103	227.5	10.0	0.0	1608	322.5	47.5	7.5
9	12.39	15.83	5.85	4.69	3.90	29.8	1.97	2240	220.0	7.5	1198	230.0	42.5	0.0	1610	365.0	67.5	7.5
10	11.91	15.23	5.09	3.98	2.96	30.4	1.90	2030	150.0	2.5	1090	225.0	35.0	5.0	1530	305.0	57.5	5.0
Mean	12.29	<u>15.72</u>	5.44	4.45	3.45	30.9	1.96	2270	<u>197.</u>	4.8	<u>1296</u>	<u>274.5</u>	36.8	3.5	<u>1765</u>	<u>408.0</u>	91.8	11.5
CV	3.0	3.1	7.6	9.4	13.0	7.76	3.1	12.1	23.8	72.1	17.1	23.4	53.1	96.4	12.3	19.0	33.0	52.5
s	0.36	0.49	0.41	0.42	0.45	2.4	0.06	275	46.9	3.4	221	64.3	19.5	3.4	217	77.5	30.3	6.0
Q95	0.26	0.35	0.29	0.30	0.32	1.7	0.04	197	33.5	2.5	158	46.0	14.0	2.4	155	55.4	21.6	4.3
USP™18		78	94	85	88				56	28	82	79			80	75		

Nr	Rel. Cnt
	%
1	-0.9
2	-1.9
3	-2.3
4	-1.6
5	-3.4
6	3.4
7	1.5
8	2.9
9	0.6
10	1.8
Mean	0.0
CV	2.4
s	2.4
Q95	1.7
USP™18	

$$\begin{aligned}
 U\% &= 12.29 \\
 -50\% &= 4.8 \\
 +50\% &= 274.5 \\
 +200\% &= 408.0 \\
 \hline
 \text{Total} &= 687.3
 \end{aligned}$$

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