

WRAPPING COUNT REGISTER REPORT

MYK SPINNING INDUSTRIES LTD.

15 April 2025 10:36:32 AM

Applied Automation

Cascade_V23.3.1

Wrapping Count Register Report - Studywise
For Department - AutoConer

Date & Time : 15/04/2025 10:36:29 AM Unit : A

Department : AutoConer

Dry Bulb(F) : 77.0

Shift : 1

Mix : MCU-5

Count Unit : ne

Wet Bulb(F) : 69.0

Test No : 1

Count : 2/100sETHT

No of Sample : 20

RH(%) : 65.0

Count Desc :

Tested Channel : 220 lbs

Sample Length : 120.0

Test Desc : PINKSWASTHIK

Machine	Count(Strength) CSP Readings				Avg. Cnt	RH. Cnt	CV	CSP
No	1	2	3	4	(Strength)	(Strength)	(%)	
AC-11	49.05	50.00	48.76	48.72				
	(60.97)	(59.60)	(57.84)	(61.61)				
	2991	2980	2820	3002				
	49.20	48.43	49.66	48.14				
	(60.82)	(64.00)	(60.97)	(56.60)				
	2992	3100	3027	2725				
	47.89	49.50	49.96	48.83				
	(61.97)	(61.30)	(60.61)	(58.21)				
	2968	3035	3028	2842				
	47.54	49.47	49.85	49.88				
	(62.88)	(62.88)	(60.91)	(60.82)				
	2989	3110	3036	3034				
	49.58	49.58	50.00	49.54				
	(57.94)	(63.79)	(57.84)	(58.12)	49.18	49.18	1.49	
	2872	3163	2892	2879	(60.48)	(60.48)	(3.54)	2975

	Nominal	Average	RH.Corr	Cnt.Corr	Min	Max	Range	CV%
Count	49.00	49.18	49.18	-	47.54	50.00	2.46	1.49
Strength	61.22	60.48	60.48	60.77	56.60	64.00	7.40	3.54
Elongation	N/A							
CSP	3000	2975	2975	2978	2725	3163	438	3.60
CCSP: 2978	R.K.M : 20.38		Corr.Coeff: -0.16		Min Exp: 2659		Min Act : 2725	

SINGLE-OVERALL RESULTS

Art.no.: 2/100sET Test.no.:

Fiber assembly: 49 Nec Fiber: 4.7 ug/i.

PINKSWASTIK

v: 400 m/min t: 1.0 min Tests: 10/1 Slot: 4 / Yarns Yarn tension: 12.5 % Imperfections: short staple

Test no.	U _m (%)	CV _m (%)	CV _m (1m) (%)	CV _m (3m) (%)	CV _m (10m) (%)	Index (-)	Thin places (-30%)	Thin places (-40%)	Thin places (-50%)	Thick pl. (+35%)
1	10.70	13.56	3.44	2.43	1.87	1.09	768	84	5	196
2	10.73	13.53	3.59	2.44	2.00	1.09	801	93	4	160
3	10.90	13.75	3.64	2.65	2.22	1.11	909	103	7	170
4	10.40	13.13	3.55	2.58	2.07	1.06	690	57	1	126
5	10.40	13.09	3.33	2.27	1.53	1.06	706	74	2	100
6	10.85	13.70	3.36	2.30	1.75	1.11	824	100	6	174
7	11.04	13.94	3.65	2.84	2.31	1.12	827	106	7	191
8	10.81	13.65	3.20	2.29	1.78	1.10	813	120	7	186
9	11.37	14.28	4.30	3.30	2.87	1.15	939	115	8	205
10	10.60	13.36	3.98	2.94	2.42	1.08	668	67	1	138
Mean value	10.78	13.60	3.60	2.60	2.08	1.10	1986 /km	230 /km	12 /km	412 /km
CVb (%)	2.71	2.64	9.05	12.90	18.70	2.51	11.2	22.7	55.4	20.5
95% +/-	0.21	0.26	0.23	0.24	0.28	0.02	160	37	5	60

Test no.	Thick pl. (+50%)	Neps (+140%)	Neps (+200%)	Rel. count (%)	Hairiness (-)	sh (-)
1	23	141	27	99.3	3.00	0.76
2	18	143	33	99.4	2.96	0.77
3	19	129	22	98.2	3.01	0.78
4	9	120	34	101.2	3.09	0.76
5	5	118	19	100.5	3.02	0.77
6	19	143	30	99.5	2.81	0.72
7	20	160	32	100.1	2.82	0.75
8	15	140	36	100.6	2.81	0.75
9	19	136	29	101.1	3.08	0.79
10	14	137	31	99.9	3.07	0.78
Mean value	40 /km	342 /km	73 /km	100.0	2.97	0.76
CVb (%)	34.1	8.9	18.2	0.92	3.81	2.62
95% +/-	10	22	10	0.7	0.08	0.01

2/100ETH CONES

IMPERFECTIONS	
U%	10.78
Thin -50%	12
Thick +50%	40
Neps +200	73
Total IPI	125

A