

TU UT5-1 Catalog V1 Temp 28.1 °C Rel.H 41.3 %
 Style VASANTHA Sample ID 98008 Nom. count Nec 22.3 Nom. twist 17.31 T/inch
 Tests 10 / 1 v= 400 m/min t= 1 min Meas. slot 3 Short staple
 Absorber 100 %

EXTENDED TABLE

Article 24s KCH Material class Yarn Mach. Nr. FINAL
 Uster Statistics 100% CO, ring yarn, carded, package, knitting, 2018
 Fiber Cotton 4.3Micr 29.5mm 100%
 24sKCH

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	11.69	14.89	5.24	4.14	2.80	25.7	1.85	1843	132.5	2.5	985.0	175.0	12.5	0.0	1133	215.0	35.0	0.0
2	11.55	14.69	5.02	4.04	2.99	30.5	1.83	1603	87.5	0.0	882.5	142.5	17.5	5.0	998	187.5	25.0	5.0
3	11.73	15.03	4.98	3.98	3.08	27.0	1.87	1843	110.0	0.0	1002.5	202.5	32.5	5.0	1123	180.0	25.0	2.5
4	11.40	14.48	5.14	4.22	2.92	26.9	1.80	1648	72.5	0.0	820.0	125.0	15.0	0.0	973	180.0	25.0	5.0
5	11.79	14.99	5.01	4.13	3.13	26.9	1.87	1855	107.5	0.0	1037.5	155.0	5.0	0.0	1245	200.0	32.5	0.0
6	11.96	15.28	5.57	4.65	3.05	35.4	1.90	1965	132.5	0.0	1112.5	205.0	12.5	0.0	1163	217.5	32.5	0.0
7	11.85	15.12	5.73	4.96	3.87	30.7	1.88	1765	145.0	5.0	995.0	180.0	20.0	2.5	1095	225.0	30.0	2.5
8	11.92	15.24	5.54	4.35	3.37	34.0	1.90	1750	115.0	0.0	1025.0	225.0	27.5	7.5	1035	215.0	40.0	7.5
9	11.86	15.14	5.58	4.47	3.42	30.6	1.89	1865	172.5	2.5	1077.5	195.0	30.0	0.0	1163	207.5	30.0	5.0
10	12.16	15.46	6.11	5.00	3.56	34.5	1.93	2250	172.5	10.0	1130.0	232.5	17.5	0.0	1238	250.0	45.0	2.5
Mean	11.79	<u>15.03</u>	5.39	4.40	3.22	30.2	1.87	1839	<u>124.</u>	2.0	<u>1007</u>	<u>183.8</u>	19.0	2.0	<u>1116</u>	<u>207.8</u>	32.0	3.0
CV	1.8	1.9	6.9	8.4	10.3	11.6	1.9	9.8	26.5	164.6	9.6	19.1	45.7	141.	8.3	10.5	20.8	86.1
s	0.21	0.29	0.37	0.37	0.33	3.5	0.04	180	33.0	3.3	96.4	35.1	8.7	2.8	93	21.8	6.6	2.6
Q95	0.15	0.21	0.27	0.26	0.24	2.5	0.03	129	23.6	2.4	68.9	25.1	6.2	2.0	66	15.6	4.8	1.8
USP™18		64	93	84	81				38	5	68	61			57	45		

Nr	Rel. Cnt %
1	0.1
2	0.9
3	-0.1
4	0.9
5	0.7
6	-0.2
7	-1.5
8	1.5
9	-0.9
10	-1.4
Mean	0.0
CV	1.0
s	1.0
Q95	0.7
USP™18	

U% - 11.79
 CV% - 1.8
 - 50% - 2.0
 + 50% - 183.8
 + 200% - 207.8
 Total 393.6

WRAPPING COUNT REGISTER REPORT

Applied Automation
Cascade_V22.5.23

VASANTHA INDUSTRIES PVT LTD, THIMMAPURAM
09 April 2025 12:13:44 PM

Wrapping Count Register Report - Studywise
For Department - AutoConer

Date & Time : 08/04/2025 12:13:40 AM Unit : A Department : AutoConer Dry Bulb(F) : 77.0
Shift : 1 Mix : mcu-5 Count Unit : ne Wet Bulb(F) : 68.0
Test No : 1 Count : 24S KCH No of Sample : 10 RH(%) : 65.0
Count Desc : 24S KCH Tested Channel : 550 lbs
Sample Length : 120.0
Test Desc : 24sKCH

Machine	Count(Strength) CSP Readings				Avg. Cnt	RH. Cnt	CV	CSP
No	1	2	3	4	(Strength)	(Strength)	(%)	
A/C-01	22.74	22.46	22.48	22.79				
	(121.15)	(137.61)	(127.72)	(121.56)				
	2755	3091	2871	2771				
	22.60	22.72	22.38	21.99				
	(126.23)	(136.85)	(131.77)	(130.77)				
	2853	3109	2949	2875				
	22.38	21.88						
	(127.74)	(134.77)						
	2859	2949			22.44	22.44	1.36	
					(129.62)	(129.62)	(4.48)	2909

	Nominal	Average	RH.Corr	Cnt.Corr	Min	Max	Range	CV%
Count	22.50	22.44	22.44	-	21.88	22.79	0.91	1.36
Strength	125.00	129.62	129.62	129.24	121.15	137.61	16.46	4.48
CSP	2813	2909	2909	2908	2755	3109	354	4.09
CCSP: 2908	R.K.M : 17.31		Corr.Coeff: -0.45		Min Exp: 2518		Min Act : 2755	

INVESTIGATOR

QIC

QM

VP

1|550|31.7|31.732|16.05