

TU UT5-1 Catalog SC-01 Temp 23.2 °C Rel.H 28.7 %
 Style CONE Sample ID 01185 Nom. count Nec 40 Nom. twist 0 T/inch
 Tests 10 / 1 v= 400 m/min t= 1 min Meas. slot 4 Short staple

REPORT

Article 1/40CCW Material class Yarn Mach. Nr. CONE
 Uster Statistics 100% CO, compact yarn, combed, cones, weaving, 2013
 Fiber Cotton 3.9dtex 30.5mm 0%
 NE-1/40CCW CONDITION CONE

Total tests : 10 / 10 Single test(s)

Nr	U%	CVm	CVm 1m	CVm 3m	CVm 10m	Thin -30%	Thin -40%	Thin -50%	Thick +35%	Thick +50%	Neps +140%	Neps +200%	Rel. Cnt ±	DR 1.5m 5%	H
	%	%	%	%	%	/km	/km	/km	/km	/km	/km	/km	%	%	
1	9.39	11.92	3.50	2.55	1.59	657.5	45.0	0.0	215.0	25.0	262.5	55.0	-1.5	15.3	3.79
2	9.05	11.50	3.07	2.15	1.30	540.0	17.5	0.0	172.5	15.0	290.0	60.0	1.0	10.2	4.01
3	9.55	11.99	3.31	2.49	1.78	782.5	37.5	0.0	215.0	22.5	262.5	52.5	-0.6	11.1	4.10
4	9.00	11.36	3.24	2.51	1.69	537.5	10.0	0.0	130.0	15.0	225.0	47.5	0.5	9.0	4.04
5	9.12	11.58	3.51	2.81	1.74	530.0	12.5	0.0	202.5	22.5	207.5	55.0	-0.0	17.5	4.01
6	8.95	11.33	3.44	2.67	1.83	482.5	15.0	0.0	187.5	15.0	217.5	55.0	0.3	14.9	3.97
7	9.15	11.63	3.10	2.34	1.50	625.0	27.5	0.0	222.5	20.0	252.5	50.0	0.5	10.4	4.02
8	9.04	11.45	3.40	2.64	1.68	537.5	17.5	0.0	150.0	22.5	210.0	35.0	0.4	12.4	3.96
9	8.93	11.51	3.74	2.95	2.06	560.0	15.0	0.0	177.5	10.0	165.0	32.5	1.0	16.5	3.88
10	9.09	11.49	3.15	2.29	1.48	610.0	27.5	0.0	117.5	20.0	247.5	45.0	-1.6	8.7	3.97
Mean	9.13	11.58	3.35	2.54	1.67	586.3	22.5	0.0	179.0	18.8	234.0	48.8	0.0	12.6	3.98
CV	2.2	1.9	6.3	9.5	12.6	14.7	51.3		20.5	25.3	15.4	18.5	0.9	25.54	2.2
s	0.20	0.22	0.21	0.24	0.21	86.4	11.5	0.0	36.8	4.8	36.0	9.0	0.9	3.2	0.09
Q95	0.14	0.16	0.15	0.17	0.15	61.8	8.3		26.3	3.4	25.8	6.4	0.7	2.3	0.06
Max	9.55	11.99	3.74	2.95	2.06	782.5	45.0	0.0	222.5	25.0	290.0	60.0	1.0	17.5	4.10
Min	8.93	11.33	3.07	2.15	1.30	482.5	10.0	0.0	117.5	10.0	165.0	32.5	-1.6	8.7	3.79
USP™13		9	<5	5	<5	<5	<5		16	49	41	44			51

Nr	sh
1	0.89
2	0.97
3	0.94
4	0.92
5	0.92
6	0.91
7	0.97
8	0.92
9	0.89
10	0.93
Mean	0.93
CV	2.9
s	0.03
Q95	0.02
Max	0.97
Min	0.89
USP™13	48

67.6

Test Report - CSP

Dry :75°F Wet :64°F RH : 53.00 % Test Date & Time : 13-Jan-16 2:14 pm
 Test ID :1988 No. of Test :10 Count Type :40sCCW Nom. Strength :100 (lbf)
 Dept. :Auto Coner Lot No. : Nom. Count :40 (NeC) Sam. Length :120.00 yard
 Shift :General Operator :VIKASH

Machine	Test No.	Weight (g)	Count (NeC)	RH Count (NeC)	Strength (lbf)	CSP	RH CSP
	1	1.587	40.824	40.359	81.01	3307	3271
	2	1.614	40.141	39.684	78.92	3168	3133
	3	1.614	40.141	39.684	80.24	3221	3185
	4	1.625	39.870	39.415	78.81	3142	3108
	5	1.606	40.341	39.881	72.48	2924	2892
	6	1.618	40.042	39.585	79.05	3165	3130
	7	1.602	40.442	39.981	77.42	3131	3097
	8	1.589	40.773	40.308	72.68	2963	2931
	9	1.604	40.392	39.931	80.44	3249	3213
	10	1.618	40.042	39.585	80.18	3211	3175
	Average	1.608	40.301	39.841	78.12	3148	3114
	CV %		0.78	0.78	3.96	3.82	3.81
	Min.		39.870	39.415	72.48	2924	2892
	Max.		40.824	40.359	81.01	3307	3271
	Range		0.955	0.944	8.53	383	379
	SD		0.32	0.31	3.10	120.28	118.75
	Q95 (±)		0.22	0.22	2.18	84.74	83.67
	Q99 (±)		0.32	0.31	3.10	120.53	119.01

RKM Value : 20.150 RH RKM Value : 19.929

Remarks : CONDITION CONE