

Test Report - CSP

Dry : 74 °F		Wet : 65 °F		RH : 60.00 %		Test Date & Time :		16-Jun-23	3:13 pm
Test ID : 9,168		No. of Test : 10		Count Type : 41sCCW		Nom. Strength : 80 (lbf)			
Dept. : Auto Coner		Lot No. : 41sCCWLQ		Nom. Count : 41 (NeC)		Sam. Length : 120.00		yard	
Shift : General		Operator : operator							
M/c No. : AC NO-8		Test No.	Weight (g)	Count (NeC)	RH Count (NeC)	Strength (lbf)	CSP	RH CSP	Elongation (%)
		1	1.564	41.425	41.306	75.50	3128	3118	0.00
		2	1.518	42.686	42.552	70.60	3013	3004	0.00
		3	1.570	41.266	41.142	79.40	3277	3267	0.00
		4	1.575	41.135	41.012	70.80	2912	2904	0.00
		5	1.603	40.417	40.295	77.40	3128	3119	0.00
		6	1.575	41.135	41.012	74.20	3052	3043	0.00
		7	1.561	41.504	41.386	73.00	3030	3021	0.00
		8	1.547	41.886	41.754	79.50	3329	3319	0.00
		9	1.547	41.886	41.754	74.30	3112	3102	0.00
		10	1.574	41.161	41.038	76.00	3128	3119	0.00
		Average	1.563	41.448	41.324	75.07	3111	3102	0.00
		CV %		1.45	1.45	4.18	3.94	3.93	0.00
		Min.		40.417	40.295	70.60	2912	2904	0.00
		Max.		42.686	42.552	79.50	3329	3319	0.00
		Range		2.263	2.256	8.90	417	415	0.00
		SD		0.60	0.60	3.14	122.56	122.02	0.00
RKM Value : 20.712		RH RKM Value 20.650							
Remarks : 41sCCWLQ AC-8									

SAA (YARN)

Test No.	:69217	Count	:41.00 Nec	Department	:Winding
Lot No.	:CCWLQ	Article No.	:CCW	Machine No.	:8 60
Material Type	:Cot.CW Ring Spun Cone	Fineness	:4µg/inch,100%	Machine Make	:SCHLAFHORS
Date & Time	:16-06-2023 13:19				
Comments	:41s CCWLQ				

Test No.	Um %	Thin (-50%) / Km	Thick (+50%) / Km	Neps (+200%) / Km	HI	Thin (-40%) / Km	Thick (+35%) / Km	Neps (+140%) / Km	Thin (-30%) / Km
1 / 1	10.28	0	28	70	4.59	23	275	303	613
1 / 2	9.91	0	20	63	5.34	13	310	343	535
1 / 3	9.92	0	25	58	4.78	8	323	330	643
1 / 4	10.06	0	25	90	4.38	15	400	390	690
1 / 5	10.17	0	38	55	4.31	20	413	335	693
1 / 6	10.13	0	28	68	4.21	13	353	333	660
1 / 7	10.17	0	20	53	5.47	8	305	283	543
1 / 8	10.44	0	18	60	5.08	10	385	325	588
1 / 9	10.10	0	25	75	4.82	18	360	378	575
1 / 10	10.19	0	23	83	4.68	20	355	383	595

OVERALL STATISTICS

Mean	10.14	0.00	25.00	67.50	4.77	14.80	347.90	340.30	613.50
Median	10.15	0.00	25.00	65.50	4.73	14.00	354.00	334.00	604.00
S.D.	0.16	0.00	5.68	12.21	0.43	5.31	44.43	34.67	56.58
C.V. %	1.55	-	22.71	18.09	8.93	35.87	12.77	10.19	9.22
Q95	0.11	0.00	4.06	8.73	0.30	3.79	31.75	24.78	40.44
M.S.P. %	-	-	-	-	-	-	-	-	-

Test No.	Thick (+25%) / Km	Neps (+100%) / Km	Thick (+100%) / Km	Neps (+280%) / Km	Neps (+400%) / Km	CVm %	CVm1m %	CVm3m %	Relative Count %
1 / 1	2245	1038	0	15	5	12.95	4.87	3.99	99.32
1 / 2	2378	1013	0	10	0	12.55	4.03	3.07	100.86
1 / 3	2643	1058	0	18	0	12.56	3.81	2.87	100.09
1 / 4	2585	1113	0	8	0	12.76	4.04	3.16	99.89
1 / 5	2580	1045	0	18	5	12.88	4.34	3.48	100.13
1 / 6	2638	1075	0	8	0	12.82	4.35	3.52	99.75
1 / 7	2425	918	0	3	3	12.86	4.63	3.71	100.66
1 / 8	2553	1070	0	10	3	13.21	5.40	4.70	99.41
1 / 9	2378	1115	0	15	8	12.81	4.57	3.79	100.38
1 / 10	2513	1060	0	25	0	12.92	4.54	3.63	99.51

OVERALL STATISTICS

Mean	2493.80	1050.50	0.00	13.00	2.40	12.83	4.46	3.59	100.00
Median	2533.00	1059.00	0.00	12.50	1.50	12.84	4.45	3.58	99.99
S.D.	131.71	56.12	0.00	6.41	2.88	0.19	0.46	0.52	0.52
C.V. %	5.28	5.34	-	49.32	119.80	1.49	10.33	14.49	0.52
Q95	94.13	40.11	0.00	4.58	2.05	0.14	0.33	0.37	0.37
M.S.P. %	-	-	-	-	-	-	-	-	-

Staple	: Short Staple	Operator	: 10550	Test Conditions	: 400m/min,1min
Slot	: Finer Yarn	Identifier	: 01	Atm.Conditions	: 62 %RH,28°C