

Test Report - CSP

Dry : 77 °F		Wet : 69 °F		RH : 66.00 %		Test Date & Time :		21-Oct-25		6:22 pm	
Test ID :8,760		No. of Test		10		Count Type		32/2CW CP		Nom. Strength :210 (lbf)	
Dept. :TFO		Lot No.		:4A42232725		Nom. Count		:16.00 (NeC)		Sam. Length :120.00 yard	
Shift : General		Operator		:Operator							
M/c No. : TFO-22		Test No.		Weight (g)		Count (NeC)		Strength (lbf)		CSP	
		1		3.995		16.217		212.00		3438	
		2		4.034		16.061		202.80		3257	
		3		4.074		15.903		215.21		3422	
		4		4.068		15.926		200.96		3201	
		5		3.990		16.238		210.00		3410	
		6		4.016		16.133		214.01		3453	
		7		4.010		16.157		209.59		3386	
		8		4.101		15.798		207.14		3272	
		9		4.099		15.806		212.08		3352	
		10		4.085		15.860		199.99		3172	
		Average		4.047		16.010		208.38		3336	
		CV %				1.06		2.62		3.08	
Remarks : TFO CONDITION CONE LOT NO-4A42232725 BLUE ZEBRA											

STANDARD YARN REPORT

USTER® TESTER 6	24.3.5.0	Process step	Twisting	Tests	10/1	Temperature	22.6 °C
Operator	Operator	Material class	Plied Yarn	Test speed	400.00 m/min	Rel. humidity	56.1 %
Test ID	134371	Measuring slot	Automatic MS3	Test time	1.00 min	Absorber	High
FYP config.		IP analysis	Short	Test length	400.00 m	Yarn type	Compact
Product	32/2 CW CP	Nom. count	16.00 Ne	Fibers	100% Cotton 4.40 Mic 30.00 mm		
Lot ID	4A42232725	Nom. twist	0.00 T/m, S	USTER® STATISTICS			
Machine	U4-TFO-14	Processing	Combed	Comment	TFO CONE LOT NO-4A42232725 BLUE ZEBRA		
Mill unit	4	Application	Not specified				

No.	U	CVm	Thin -50%	Thick 50%	Neps 200%	Total IP Stand.	H
	%	%	/km	/km	/km	/km	
1 / 1	6.91	8.72	0	3	8	10	6.89
2 / 1	6.67	8.42	0	5	8	13	7.04
3 / 1	6.99	8.80	0	3	3	5	6.80
4 / 1	6.62	8.33	0	8	8	15	6.90
5 / 1	6.97	8.76	0	3	5	8	7.37
6 / 1	6.81	8.56	0	3	3	5	6.85
7 / 1	6.93	8.76	0	3	5	8	6.97
8 / 1	6.95	8.74	0	0	8	8	7.26
9 / 1	6.81	8.59	0	3	3	5	7.27
10 / 1	7.19	9.03	0	3	5	8	6.90
Mean	6.88	8.67	0	3	5	8	7.02
CV	2.4	2.3		65.7	41.7	40.5	2.9

STANDARD RKM REPORT

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USTER® UTR 5	24.8.4.33045f4	Process step	Winding	Tests	10 / 10	Temperature	26.1 °C
Operator	SINTEX	Clamp type	Yarn	Test speed	5000 mm/min	Rel. humidity	59.4 %rH
Test ID	208384	Clamp position	Horizontal	Test length	500 mm	Blow jets	On
Test mode	Simple tensile	Clamp pressure	20 % (0.2 MPa)	Pretensional force	18.45 cN	Unwind length (first)	-
Clamp inserts (back)	Not specified	Reduction curve	Aluminium	Finger tensioner	Automatic control	Unwind speed (first)	-
Clamp inserts (front)	Not specified	Absorber	Medium	Plausibility limits	None	Unw. groups/within	-
Product	32/2CW CP	Nominal count	16.000 Ne	Fibers	N/A		
Lot ID	Not specified	Nominal twist	0.00 T/m, S				
Machine	Not specified	Processing	Combed	USTER® STATISTICS	N/A		
Mill unit	U4	Application	Weaving	Comment	TFO CONDITION CONE LOT NO-4A42232725 BLUE ZEBRA		
Material class	Normal yarn	Yarn type	Normal				

Total (100)	Machine / index	B-Force cN	Elongation %	Tenacity cN/tex	B-Work N.cm
1 (10)	Machine position 1	711.41	6.47	19.28	11.53
2 (10)	Machine position 2	706.55	6.48	19.14	11.33
3 (10)	Machine position 3	651.77	6.05	17.66	9.92
4 (10)	Machine position 4	694.08	6.43	18.81	11.18
5 (10)	Machine position 5	696.09	6.35	18.86	11.03
6 (10)	Machine position 6	668.08	6.22	18.10	10.33
7 (10)	Machine position 7	697.16	6.49	18.89	11.26
8 (10)	Machine position 8	690.61	6.21	18.71	10.83
9 (10)	Machine position 9	671.67	6.37	18.20	10.77
10 (10)	Machine position 10	708.16	6.38	19.19	11.15
	Mean (t)	689.56	6.34	18.68	10.93
	CV (t)	4.61	4.35	4.61	8.72