SRI SHANMUGAVEL GROUP OF MILLS

Thadicombu,Tamilnadu, India

YARN QUALITY SPECIFICATION :

No.	Count	COMBED KNITTING											COMBED WEAVING				
		20/1	24/1	26/1	28/1	30/1	32/1	34/1	36/1	38/1	40/1	40/2	30/1	32/1	36/1	40/1	40/2
1	Ave.count at 64% RH	20	24	26	28	30	32	34	36	38	40	20	30	32	36	40	20
2	Count CV%	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.2
3	Yarn U%	8.3	8.5	8.5	8.8	9.5	9.6	9.8	10	10.2	10.4	7.5	9.5	9.7	10.3	10.5	7.5
4	Thin Place/km	0	0	0	0	0	0	0	0	0	2	0	0	0	1	2	0
5	Thick Place/km	5	6	8	10	15	18	20	25	28	30	3	15	18	28	30	3
6	Neps/km	10	18	20	20	25	28	30	35	38	50	5	25	28	44	50	5
7	Total Imperfection per/km	15	24	28	30	40	46	50	60	66	82	8	40	46	73	82	8
8	TPI - Single	14	15.5	16	16.5	17	17.5	18	19.2	20	20.5	20.5	22.5	23.7	25	26	26
	TPI - Double	--	--	--	--	--	--	--	--	--	--	14.5	--	--	--	--	18.6
9	Single Yarn Strength in gms	531	418	386	358	334	313	295	279	264	251	517	374	350	311	273	561
10	CV% of Single Yarn Strength	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7
11	Elongation%	5.1	5	5	5	4.8	4.8	4.8	4.8	4.8	4.8	5	5	5	5	5	5.2
12	CV% of Elongation	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7
13	RKM(gms/tex)	18	17	17	17	17	17	17	17	17	17	17.5	19	19	19	18.5	19
14	Total Classimat Faults/100 km	30	35	40	40	50	60	65	65	70	80	30	70	75	80	85	30
	(A1 to D4)																
15	Objectionable faults/100km	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	(A4+B4+C3+C4+D3+D4)																
16	Long Thin/100 km	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0	<1	<1	<1	<1	0
	(H2+I2)																
17	Long Thick/100 km	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0	<1	<1	<1	<1	0
	(E+F+G)																
18	Hairiness Index	6.8	6.6	6.4	6.2	6.2	6	5.8	5.6	5.6	5.5	5.5	6.2	6	5.6	5.5	5.5