



SRI SHANMUGAVEL GROUP OF MILLS

Thadicombu, Tamilnadu, India

SUDHAN

YARN QUALITY SPECIFICATION

SL.NO	Count	COMBED KNITTING												COMBED WEAVING									
		20/1 CK	24/1 CK	26/1 CK	28/1 CK	30/1 CK	32/1 CK	34/1 CK	36/1 CK	38/1 CK	40/1 CK	60/1 CK	40/2 CK	30/1 CW	32/1 CW	36/1 CW	40/1 CW	50/1 CW	60/1 CW	40/2 CW	50/2 CW	60/2 CW	
1	Ave.count at 64% RH	20	24	26	28	30	32	34	36	38	40	60	20	30	32	36	40	50	60	20	25	30	
2	Count CV%	1.3	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	1.3	1.3	1.2	1.2	1.2	
3	Yarn U%	7.5	8.3	8.5	8.8	9.3	9.5	9.6	9.8	10	10	12	7.3	9.5	9.7	10.3	11	11.5	11.8	7.5	7.8	8.0	
4	Thin Place/km	0	0	0	0	0	0	0	0	0	2	6	0	0	0	1	2	5	8	0	0	0	
5	Thick Place/km	5	6	8	9	10	12	15	20	25	25	40	3	15	15	25	28	40	45	3	5	10	
6	Neps/km	10	18	15	16	15	18	20	24	35	40	65	5	20	25	42	45	60	70	5	8	12	
7	Total Imperfection per/km	15	24	23	25	25	30	35	44	60	67	111	8	35	40	68	75	105	123	8	13	22	
8	TPI/TPM Single	16	17.5	17.8	18.2	19.2	20	20	21.0	22	22	27	22.2	22.5	23.7	25	27	29.69	32.5	27	30	32	
	Double	--	--	--	--	13.4	--	--	--	--	--	--	15.5	16.1	--	--	--	--	--	19	21	22.4	
9	Single Yarn Strength in gms	472	394	363	350	305	286	269	254	233	221	148	472	354	332	295	265	213	177	561	449	374	
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	7.5	7.5	7.5	7	7	7	
11	Elongation%	5.1	5	5	5	4.8	4.8	4.8	4.8	4.8	4.8	4.5	5	5	5	5	5	5	5	5.2	5.3	5.3	
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	7.5	7.5	7.5	7	7	7	
13	RKM(gms/tex)	16	16	16	16	15.5	16	16	16	15	15	15	16	18	18	18	18	18	18	19	19	19	
14	Total Classimat Faults/100 km (A1 to D4)	30	35	40	40	50	60	65	65	70	80	130	30	70	75	80	85	125	150	30	50	55	
15	Objectionable faults/100km (A4+B4+C3+C4+D3+D4)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
16	Long Thin/100 km (H2+I2)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0	<1	<1	<1	<1	<1	<1	0	0	0	
17	Long Thick/100 km (E+F+G)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0	<1	<1	<1	<1	<1	<1	0	0	0	