ISLAND TEXTILE MILLS LIMITED

SPECIFICATION OF GREY YARN- LABORATORY RESULTS

Nominal Count (Ne)	10.00	10.00	10.00	12.00	16.00	16.00	20.00	20.00	20.00	24.00	26.00	26.00	26.00	30.00	30.00	32.00
Blend	CVC 60/40 CDD KNIT	CVC 60/40 CMD KNIT	CVC 65/35 CDD W	CVC 65/35 CDD W	CVC 60/40 CDD KNIT	CVC 60/40 CMD KNIT	CVC 60/40 CRD	CVC 65/35 CD-W	CVC 60/40 CMD KNIT	CVC 60/40 CDD KNIT	CVC 52/48 CDD KNIT	CVC 60/40 CDD KNIT	CVC 60/40 CDD KNIT	CVC 52/48 CDD KNIT	CVC 60/40 CDD KNIT	CVC 60/40 CM KNIT
Brand	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK
Twist Per Inch (TPI)	8.89	9.01	9.8	11.08	13.2	13.03	14.68	15.2	14.46	15.85	15.01	17.02	16.88	18.01	18.34	18.89
Twist Multiplier (T.M.)	2.9	2.88	3.1	3.2	3.3	3.28	3.3	3.4	3.25	3.25	3.07	3.35	3.22	3.3	3.36	3.35
Actual Count (Ne)	9.76	9.9	10.1	12.1	15.92	15.9	19.7	20.2	19.8	23.74	25.74	25.710	25.92	29.79	29.76	31.72
Count CV%	1.06	1.01	1.3	1.3	1.11	1	1.13	1.2	1.04	1.05	1.04	1.10	1.01	1.03	1.1	1.02
Lea Strength (lbs)	333.8	333.3	299	245.45	204	206	153.06	141.08	149.7	256	111.20	111.30	114.58	100.2	98.09	88.1
C.L.S.P.	3258	3300	3020	2970	3248	3275	3015	2850	2964	2851	2862	2861	2970	2985	2919	2795
USTER EVENNESS TESTER (UT-3) RESULTS																
Um (%)	7.96	7.2	7.87	9.2	9.5	8.4	10.05	9.7	9.2	10.70	10.70	10.90	9.7	11.2	11.4	10.07
CVb (%)	2.5	2	2.5	2.4	2.25	2	2.5	2.2	2.5	2.20	2.50	2.50	2	2.5	2.5	2.5
Thin (-50%) / km	0	0	0	0	0	0	0	0	0	1	1	2	0	4	5	1
Thick (+50%) / km	8	4	6	8	22	8	40	40	8	65	115	105	16	125	152	32
Neps (+200%) / km	10	5	6	10	30	7	45	45	9	70	130	127	24	223	208	39
Total IPI	18	9	12	18	52	15	85	85	17	136	246	234	40	348	365	72
Hairiness (H)	8.89	9.2	11	8.6	8.97	8.85	8.4	8.4	7.87	7.91	7.36	7.25	7.15	6.61	7	6.28
ESTIMATED SINGLE YARN STRENGTH RESULTS																
B.Force (gF)	1231.3	1247.21	1141	935	767.15	773.7	569.81	539	560.13	449.00	416.07	415.96	431.72	376.05	367.76	330.06
Elongation (%)	8.21	8.31	7.61	7.48	8.18	8.25	7.6	7.18	7.47	7.18	7.21	7.21	7.48	7.52	7.35	7.04
RKM	20.85	21.12	19.33	19	20.79	20.96	19.3	18.24	18.97	18.25	18.32	18.32	19.01	19.1	18.68	17.89
TEST CONDITIONS																
Temperature (F)	77 (± 2)	77 (± 2)	20% (± 2)	20% (± 2)	77 (± 2)	77 (± 2)	77 (± 2)	20% (± 2)	77 (± 2)	77 (± 2)	77 (± 2)	77 (± 2)	77 (± 2)	77 (± 2)	77 (± 2)	77 (± 2)
Humidity (RH%)	65% (± 2)	65% (± 2)	65% (± 2)	65% (± 2)	65% (± 2)	65% (± 2)	65% (± 2)	65% (± 2)	65% (± 2)	65% (± 2)	65% (± 2)	65% (± 2)	65% (± 2)	65% (± 2)	65% (± 2)	65% (± 2)