ISLAND TEXTILE MILLS LIMITED

SPECIFICATION OF GREY YARN- LABORATORY RESULTS

Nominal Count (Ne)	10.00	12.00	12.00	16.00	20.00	20.00	24.00	24.00	30.00
Blend	TC 65/35 CDD KNIT	TC 65/35 CDD W	TC 65/35 CMD KNIT	TC 65/35 CD-W	TC 65/35 CDD KNIT	TC 65/35 CMD KNIT	TC 65/35 CDD KNIT	TC 65/35 CMD KNIT	TC 65/35 CDD KNIT
Brand	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK
Twist Per Inch (TPI)	8.14	9.70	9.17	11.60	12.66	12.66	14.73	14.73	16.7
Twist Multiplier (T.M.)	2.60	2.80	2.65	2.90	2.83	2.83	3.02	3.02	3.06
Actual Count (Ne)	9.7 to 9.9	12.1 to 12.3	12.2 to 12.4	16.20	19.7 to 19.9	19.73	23.90	23.96	29.7 to 29.9
Count CV%	1.14	1.20	1.05	1.20	1.2	1.09	1.11	1.10	1.2
Lea Strength (lbs)	394.00	307	333.00	235.18	188.00	197.66	161.08	296	114
C.L.S.P.	3861	3965	4063	3810	3598	3900	3850	3882	3397
USTER EVENNESS TESTER (UT-3) RESULTS									
Um (%)	9.89	9.40	7.18	9.50	11.00	9.10	9.85	9.20	11.8
CVb (%)	3.70	2.50	4.85	2.20	2.50	2.20	2.50	2.50	2.50
Thin (-50%) / km	1	0	0	0	0	0	0	0	4
Thick (+50%) / km	19	22	6	25	35	8	34	12	140
Neps (+200%) / km	14	35	10	30	40	10	58	15	155
Total IPI	34	57	16	55	75	18	92	27	299
Hairiness (H)	11.2	8.40	10.00	9.30	12.00	8.60	7.65	7.60	7.3
ESTIMATED SINGLE YARN STRENGTH RESULTS									
B.Force (gF)	1513.57	1323	1276.23	900	721.74	736.96	606.26	611.25	451.8
Elongation (%)	10.1	10.58	10.21	9.59	9.60	9.82	9.70	9.78	8.97
RKM	25.63	26.88	25.94	24.38	24.40	24.96	24.64	24.84	22.8
TEST CONDITIONS									
Temperature (F)	77 (± 2)	20% (± 2)	77 (± 2)	20% (± 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)