ISLAND TEXTILE MILLS LIMITED

SPECIFICATION OF GREY YARN- LABORATORY RESULTS

Nominal Count (Ne)	10.00	10.00	16.00	16.00	20.00	20.00	24.00	24.00	30.00	30.00
Blend	PC 52/48 CDD KNIT	PC 80/20 CDD KNIT	PC 52/48 CDD KNIT	PC 52/48 CMD KNIT	PC 52/48 CDD KNIT	PC 52/48 CMD KNIT	PC 52/48 CDD KNIT	PC 52/48 CMD KNIT	PC 52/48 CDD KNIT	PC 52/48 CMD KNIT
Brand	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK
Twist Per Inch (TPI)	8.70	7.82	12.03	11.75	13.79	13.70	15.01	15.01	16.58	17.20
Twist Multiplier (T.M.)	2.78	2.50	2.99	2.95	3.10	3.10	3.07	3.07	3.06	3.15
Actual Count (Ne)	9.95	9.8	15.92	15.91	19.80	19.80	23.80	23.96	29.77	29.80
Count CV%	1.09	1.15	1.07	1.00	1.15	1.20	1.10	1.05	1.01	1.10
Lea Strength (lbs)	357	425.00	220	225	174.49	176.76	134.00	134.70	103.20	112.40
C.L.S.P.	3552	4165	3502	3580	3455	3500	3189	3227	3072	3350
USTER EVENNESS TESTER (UT-3) RESULTS										
Um (%)	8.30	7.80	9.60	8.50	10.10	9.00	10.20	9.80	11.40	10.40
CVb (%)	2.50	2.50	2.20	2.20	2.50	2.20	2.50	2.50	0.90	2.50
Thin (-50%) / km	0	0	0	0	0	0	1	0	4	1
Thick (+50%) / km	8	6	22	7	35	9	60	18	150	30
Neps (+200%) / km	10	5	28	6	40	12	75	20	233	38
Total IPI	18	11	50	13	75	21	136	38	387	69
Hairiness (H)	12.75	8.25	9.3	9.25	8.50	8.40	7.72	7.72	6.85	6.74
ESTIMATED SINGLE YARN STRENGTH RESULTS										
B.Force (gF)	1342.52	1574.14	827.32	845.59	652.84	661.38	502.23	508.24	387.00	421.98
Elongation (%)	8.95	10.49	8.83	9.02	8.71	8.82	8.03	8.13	7.74	8.44
RKM	22.74	26.66	22.42	22.91	22.11	22.40	20.41	20.66	19.66	21.44
TEST CONDITIONS										
Temperature (F)	77 (± 2)	77 (± 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)