TATA TEXTILE MILLS LIMITED

QC/4/061
ISSUE 01

USTERIZED®

SPECIFICATION OF GREY YARN- LABORATORY RESULTS

Nominal Count (Ne)	16/1 CDD KNIT	16/1 COM KNIT	20/1 CDD KNIT	20/1 COM KNIT	24/1 COM KNIT	26/1 COM KNIT	30/1 COM KNIT	30/1 CDD KNIT
Blend	PAKISTAN MNH-93	PAKISTAN MNH-93	PAKISTAN MNH-93	PAKISTAN MNH-93	PAKISTAN MNH-93	PAKISTAN MNH-93	PAKISTAN MNH-93	PAKISTAN MNH-93
Brand	TATA	TATA	TATA	TATA	TATA	TATA	TATA	TATA
Twist Per Inch (TPI)	14.81	14.32	16.96	16.11	18.41	18.86	20.32	21.07
Twist Multiplier (T.M.)	3.72	3.59	3.80	3.60	3.77	3.71	3.72	3.85
Actual Count (Ne)	15.80	15.80	19.80	19.80	23.80	25.80	29.80	29.80
Count CV%	1.00	1.00	1.1	1.1	1.15	1.15	1.22	1.25
Lea Strength (lbs)	161	165	123	127	99	96	83	79
C.L.S.P.	2544	2607	2435	2515	2356	2477	2473	2354
USTER EVENNESS TESTER (UT-5) RESULTS								
Um (%)	9.51	7.28	10.3	8.4	9.05	9.25	9.7	11.8
Thin (-50%) / km	0	0	0.0	0.0	0.5	0.5	0.5	18.0
Thick (+50%) / km	31	3.0	54.0	4.5	10.5	15.5	14.5	230.0
Neps (+200%) / km	45	4.0	72.0	5.5	17.0	18.0	23.5	260.0
Total IPI	76	7	126	10	28	34	38.5	508
Hairiness (H)	8.5	8.25	8.05	7.95	7.4	6.75	5.80	6.2
USTER TENSOJET 4 RESULTS								
B.Force (gF)	677	718	522	552	447	401	347	337
Elongation (%)	4.4	4.5	4.00	4.25	3.95	3.31	3.6	3.30
RKM	18.1	19.2	17.5	18.5	18	17.5	17.5	17.0
TEST CONDITIONS								
Temperature (C)	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2
Humidity (RH%)	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2