



TATA TEXTILE MILLS LIMITED

QC/4/062
ISSUE 01



SPECIFICATION OF GREY YARN- LABORATORY RESULTS

Nominal Count	20/2 CDD Hos PK (soft Twist)	20/2 CDD Wvg PK (Hard Twist)	20/2 CM HOS PK (Soft Twist)	20/2 CM WVG PK (Hard Twist)
Blend	PAK.	PAK.	PAK.	PAK.
Brand	TATA	TATA	TATA	TATA
Twist Per Inch (TPI)	8.56	13.77	8.56	13.77
Twist Multiplier (T.M.)	2.73	4.35	2.75	4.43
Actual Count (Ne)	9.80	10.04	9.72	9.65
Count CV%	1.08	1.05	0.95	0.95
Lea Strength (lbs)	240	224	252	242
C.L.S.P.	2352	2249	2449	2335
USTER EVENNESS TESTER (UT-5) RESULTS				
Um (%)	8.10	9.25	6.77	7.40
Thin (-50%) / km	0.0	0.2	0.0	0.0
Thick (+50%) / km	3.0	30.0	0.4	2.1
Neps (+200%) / km	3.8	31.2	0.6	2.2
Total IPI	6.8	61.4	1.0	4.3
Hairiness (H)	10.60	9.48	10.10	9.12
USTER TENSOJET 4 RESULTS				
B.Force (gF)	948	1014	1137	1635
Elongation (%)	4.5	4.9	4.5	5.2
RKM	16.00	17.20	17.10	21.00
TEST CONDITIONS				
Temperature (C)	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2
Humidity (RH%)	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2