

**DIAMOND TEXTILE MILLS PVT. LTD.( unit no -2 )  
SARIGAM. AHMEDABAD - 382220**

**100% Cotton Yarn Specification**

	30CH	40CH	30CW	40CW	50CW	60CW	40KW
Actual Count (Ne)	30s	40s	30s	40s	50s	60s	40s
Count CV%	<1.25	<1.25	<1.25	<1.25	< 1.25	< 1.5	<1.25
CSP	2350+	2350+	2700+	2700+	2650+	2600+	2400+
Strength CV%	<4.5	<4.5	< 4.5	< 4.5	< 4.5	<4.5	<4.5
TM	3.6-3.7	3.6-3.7	3.9 – 4.2	3.9 – 4.2	3.9 – 4.2	3.9 – 4.2	3.9 – 4.2
TPI CV%	<3.5	<3.5	< 3.5	< 3.5	< 4.0	< 4.0	< 3.5
U % (UT-4)	9.4	10	9.5	10.5	11.0	11.5	13.5
Thin/km (-50%)	0	1	0	2	3	5	40
Thick/km (+50%)	13	24	20	32	37	55	365
Neps/km (+200%)	37	50	47	61	80	115	400
Total Imperfections/km	50	75	67	95	120	175	805
Appearance Grade	A/B+	A/B+	A/B+	A/B+	A/B+	A/B+	A/B+
RKM gm/tex	15.5+	15.5+	17.5+	17.5+	16.5+	16.5+	16
Elongation %	5	5.3	4.5	4.5	4.5	4.5	4.25
RKM CV%	7.8	7.8	7.8	7.8	7.8	7.8	9.0
CV% of Elongation	8	8	8	8	8	8	8.0
Hairiness H	6.5	5.5	6.2	5.5	4.5	4.2	6.3
Classimat Faults							
Total Faults	70	100	80	100	160	250	425
Objectionable Faults A3+B3+C2+D2	0	1	0	1	1	1	5
H2+I1+I2	0	1	0	1	0	1	5

Note: The above quality specifications are illustrative and indicative only. Actual parameters will be as indicated and illustrated at the time of Deal.

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	2/20s CW	2/30sCW	2/40sCW	40sCCW	50sCCW	60sCCW	
Actual Count (Ne)	10s+	15s+	20s+	40s+	50s+	60s+	
Count CV%	<1.25	<1.25	<1.25	<1.25	< 1.25	< 1.5	
CSP	3300+	3200+	3150+	3150+	3050+	2950+	
Strength CV%	<4.5	<4.5	< 4.5	< 4.5	< 4.5	<4.5	
TPI / TM	12 / 3.8	16 /4.13	19 / 4.24	25.3 / 4.0	29 / 4.1	32.5 / 4.2	
TPI CV%	<3.5	<3.5	< 3.5	< 3.5	< 4.0	< 4.0	
U % (UT-4)	< 6.0	7.0	7.8	9.5	10	11	
Thin/km (-50%)	0	0	0	1	3	5	
Thick/km (+50%)	1	3	5	10	40	50	
Neps/km (+200%)	2	6	9	50	90	105	
Total Imperfections/km	3	9	14	61	133	160	
RKM gm/tex	20+	19.5+	18.5+	19.5+	19.0+	18.5+	
Elongation %	4.5	4.8	5	4.6	4.5	4.5	
RKM CV%	7	7.0	7.5	7.5	7.8	7.8	
CV% of Elongation	7	7	7	7.5	7.5	7.5	
Hairiness H	7	8.5	6.2	3.8	3.5	3.2	
Classimat Faults							
Total Faults	10	15	< 20	<100	<150	< 250	
Objectionable Faults A3+B3+C2+D2	0	0	0	1	1	1	
H2+I1+I2	0	0	0	1	0	1	

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