

**100% Cotton Carded Weaving Yarn**

Parameters	20KW	24KW	30KW	32KW	40KW
Actual Count (Ne)	20s	24s	30s	32s	40s
Tolerance (% +/-)	1.50%	1.50%	1.50%	1.50%	1.50%
Count CV%	1.5	1.5	1.5	1.5	1.5
CSP	2400	2400	2400	2400	2400
Strength CV%	5	5	5	5	5
TM	4.4	4.4	4.5	4.5	4.5
TPI CV%	5	5	5	5	5
U % (UT-3)	11.2	11.6	12.8	13.2	13.8
thin/km (-50%)	11	15	27	30	42
thick/km (+50%)	79	97	197	220	363
Neps/km (+200%)	90	140	316	340	407
Total Imperfections/km	180	252	540	590	812
RKM gm/tex	16	16	16	16	16
Elongation %	4.5	4.5	4.5	4.5	4.25
Rkm CV%	8.5	8.5	8.7	8.7	9
CV% of Elongation	8	8	8	8	8
Hairiness H	8.3	7.8	7.3	7.1	6.3
Classimat Faults					
Total Faults	110	165	220	275	425
Objectionable Faults A3+B3+C2+D2	5	5	5	5	7
H2+I1+I2	2	2	2	2	5

100% Cotton Combed Hosiery Yarn								
Test Parameters	20ch	24ch	30ch	32ch	36ch	40ch	50ch	60ch
Actual Count (Ne)	20s	24s	30s	32s	36s	40s	50s	60s
Tolerance (% +/-)	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Count CV%	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
CSP	2400	2400	2300	2300	2350	2300	2400	2400
Strength CV%	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
TM	3.65	3.65	3.65	3.65	3.7	3.7	3.75	3.75
TPI CV%	4	4	4	4	4	4	4	4
U % (UT-4)	8.2	8.5	9.2	9.5	9.8	10	10.5	11
Thin/km (-50%)	0	0	0	0	1	1	4	8
Thick/km (+50%)	10	12	15	18	21	24	40	70
Neps/km (+200%)	18	26	40	42	45	50	70	112
Total Imperfections/km	28	38	55	60	67	75	114	190
Appearance Grade	A	A	A	A	A	A/B+	A	A
RKM gm/tex	16	16	15.5	15.5	15.5	15.5	15.5	15.5
Elongation %	4.5	4.5	4.5	4.5	4.5	4.7	5.5	5.5
RKM CV%	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
CV% of Elongation	8	8	8	8	8	8	8	8
Hairiness H	7.5	7	6.5	6.3	6	5.5	4.8	4.5
Classimat Faults								
Total Faults	50	55	70	75	85	110	150	250



## 100% Cotton carded Hosiery Yarn

Parameters	20KH	24KH	30KH	32KH	36KH	40KH
Actual Count (Ne)	20s	24s	30s	32s	36s	40s
Tolerance (% +/-)	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Count CV%	1.5	1.5	1.5	1.5	1.5	1.5
CSP	2200	2150	2100	2100	2100	2000
Strength CV%	5	5	5	5	5	5
TM	3.8	3.8	3.8	3.8	3.8	3.8
TPI CV%	4	4	4	4	4	4
U % (UT-4)	10.5	11	12	12.5	13	13.5
thin/km (-50%)	9	12	12	20	25	33
thick/km (+50%)	70	90	180	200	230	320
Neps/km (+200%)	82	148	250	300	370	415
Total Imperfections/km	161	250	442	520	625	768
RKM gm/tex	14.5	14.2	14	14	14	14
Elongation %	4.5	4.5	4.5	4.5	4.4	4.25
RKM CV%	9.2	9.4	9.8	9.8	9.8	9.9
CV% of Elongation	8.3	8.5	8.7	8.7	8.8	8.8
Hairiness H	8.5	8	7.5	7.3	6.8	6.5
Classimat Faults						
Total Faults	100	150	200	250	375	400
Objectionable Faults A3+B3+C2+D2	5	5	5	5	6	7
H2+I1+I2	2	2	2	2	3	5

100% Cotton Combed Weaving Yarn							
Parameters	20CW	24CW	30CW	32CW	40CW	50CW	60CW
Actual Count (Ne)	20s	24s	30s	32s	40s	50s	60s
Tolerance (% +/-)	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Count CV%	1.5	1.5	1.5	1.5	1.5	1.6	1.6
CSP	2700	2700	2700	2700	2700	2700	2700
Strength CV%	4.5	4.5	4.5	4.5	4.5	5	5
TM	3.9	3.9	3.9	3.9	4	4.1	4.1
TPI CV%	4	4	4	4	4	4	4
U % (UT-3)	8.5	8.8	9.2	9.5	10	10.8	11.3
Thin/km (-50%)	0	0	0	0	1	3	8
Thick/km (+50%)	12	15	18	24	30	37	58
Neps/km (+200%)	25	30	47	50	60	80	120
Total Imperfections/km	37	45	65	74	91	120	186
Appearance Grade	A	A	A	A	A	A/B+	A/B+
RKM gm/tex	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Elongation %	4.5	4.5	4.5	4.5	4.5	4.5	4.5
RKM CV%	7.8	7.8	7.8	7.8	7.8	7.8	7.8
CV% of Elongation	8	8	8	8	8	8	8
Hairiness H	7.2	6.7	6.2	6	5.2	4.5	4.2
Classimat Faults							
Total Faults	60	65	80	90	125	160	270