

**100% COTTON COMBED COMPACT WEAVING YARN**

<b>Nominal Count</b>	<b>1/30 CWC</b>	<b>1/40 CWC</b>	<b>1/30 CHC</b>	<b>1/40 CHC</b>
<b>A. Count &amp; Test Parameters</b>				
Actual Count	30.0	40.0	30.0	40.0
Count CV%	1.7	1.7	1.7	1.7
CSP	3,030	3,000	2,950	2,850
<b>B. Single Yarn Strength (Uster Tensorapid-4)</b>				
RKM	19.5	19.5	19.0	18.8
RKM CV%	8.6	8.6	8.9	8.9
ELONGATION %	4.3	4.3	4.1	4.1
ELONGATION CV%	8.7	8.7	8.8	8.8
<b>C. U% &amp; Imperfection Values (Premier IQ-Qualicenter)*</b>				
Um %	9.5	10.1	9.4	10.0
Thin (-50%)	0	2	0	2
Thick (+50%)	26	40	24	40
Neps (+200%)	45	78	44	68
Total Imperfection	71	120	68	110
Hairiness	3.9	3.5	4.1	3.7
<b>D. Twist Results</b>				
Mech. TPI	22.8	26.8	20.8	24.5
Twist Direction	Z	Z	Z	Z
<b>E. Remarks</b>	Auto Coned, Spliced, Electronically cleared Yarn			

\*Imperfections shown above is tested before conditioning of yarn

**100% COTTON COMBED HOSIERY YARN**

<b>Nominal Count</b>	<b>1/20 CH</b>	<b>1/24 CH</b>	<b>1/26 CH</b>	<b>1/30 CH</b>	<b>1/36 CH</b>	<b>1/40 CH</b>
<b>A. Count &amp; Test Parameters</b>						
Actual Count	20.0	24.0	26.0	30.0	36.0	40.0
Count CV%	1.6	1.6	1.7	1.7	1.7	1.7
CSP	2,640	2,600	2,570	2,450	2,450	2,400
<b>B. Single Yarn Strength (Uster Tensorapid-4)*</b>						
RKM	17.1	16.7	16.1	16.1	26.1	16.0
RKM CV%	8.1	8.5	8.6	8.6	8.6	8.9
ELONGATION %	5.1	4.6	4.1	4.1	4.3	4.4
ELONGATION CV%	8.2	8.4	8.9	8.9	8.7	8.7
<b>C. U% &amp; Imperfection Values (Premier IQ-Qualicenter)*</b>						
Um %	8.8	8.9	9.1	9.5	9.8	10.1
Thin (-50%)	0	0	0	0	1	2
Thick (+50%)	13	15	18	28	34	42
Neps (+200%)	28	40	42	52	55	83
Total Imperfection	41	55	60	80	90	127
Hairiness	6.4	6.1	5.9	5.8	5.1	4.9
<b>D. Twist Results</b>						
Mech. TPI	16.4	18.6	19.5	20.6	22.7	23.9
Twist Direction	Z	Z	Z	Z	Z	Z
<b>E. Remarks</b>						
Auto Coned, Spliced, Electronically cleared Waxed Yarn						

\*Imperfections shown above is tested before conditioning of yarn

**100% COTTON COMBED WEAVING YARN**

<b>Nominal Count</b>	<b>1/20 CW</b>	<b>1/24 CW</b>	<b>1/30 CW</b>	<b>1/40 CW</b>
<b>A. Count &amp; Test Parameters</b>				
Actual Count	20.0	24.0	30.0	40.0
Count CV%	1.6	1.6	1.7	1.7
CSP	2,800	2,750	2,730	2,720
<b>B. Single Yarn Strength (Uster Tensorapid-4)</b>				
RKM	17.7	17.6	17.5	17.4
RKM CV%	8.5	8.5	8.6	8.9
ELONGATION %	5.1	4.6	4.1	4.4
ELONGATION CV%	8.2	8.4	8.8	8.7
<b>C. U% &amp; Imperfection Values (Premier IQ-Qualicenter)*</b>				
Um %	8.9	9.0	9.6	10.2
Thin (-50%)	0	0	0	2
Thick (+50%)	13	15	28	42
Neps (+200%)	27	40	52	83
Total Imperfection	40	55	80	127
Hairiness	6.2	5.8	5.6	4.8
<b>D. Twist Results</b>				
Mech. TPI	18.5	20.5	23.3	27.3
Twist Direction	Z	Z	Z	Z
<b>E. Remarks</b>	Auto Coned, Spliced, Electronically cleared Unwaxed Yarn			

\*Imperfections shown above is tested before conditioning of yarn

**100% COTTON CARDED WEAVING YARN**

<b>Nominal Count</b>	<b>1/12 KW</b>	<b>1/16 KW</b>	<b>1/20 KW</b>	<b>1/24 KW</b>	<b>1/30 KW</b>	<b>1/40 KW</b>
<b>A. Count &amp; Test Parameters</b>						
Actual Count	12.0	16.0	20.0	24.0	30.0	40.0
Count CV%	1.7	1.7	1.7	1.7	1.8	1.8
Lea Str. ( lbs )	213.0	160.0	125.0	104.0	81.0	60.0
Lea Str. (CV%)	4.6	4.7	4.8	4.8	4.8	4.8
CSP	2,580	2,550	2,500	2,470	2,430	2,400
<b>B. Single Yarn Strength (Uster Tensorapid-4)</b>						
RKM	16.8	16.5	16.2	16.0	15.9	15.6
RKM CV%	9.0	9.0	9.0	9.0	9.5	9.8
ELONGATION %	5.8	5.6	5.5	5.3	5.1	5.0
ELONGATION CV%	9.0	9.0	9.0	9.0	9.5	9.8
<b>C. U% &amp; Imperfection Values (Premier IQ-Qualicenter)*</b>						
Um %	11.2	11.7	12.2	12.5	12.8	13.7
Thin (-50%)	3	8	12	15	20	35
Thick (+50%)	85	125	190	250	350	450
Neps (+200%)	92	142	248	285	500	800
Total Imperfection	180	275	450	550	870	1,285
Hairiness	7.8	7.2	7.0	6.5	6.0	5.5
<b>D. Twist Results</b>						
Mech. TPI	14.5	17.3	19.6	21.0	25.1	28.2
Twist Direction	Z	Z	Z	Z	Z	Z
<b>E. Remarks</b>	Auto Coned, Spliced, Electronically cleared Unwaxed Yarn					

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**100% COTTON CARDED SPANDEX WEAVING YARN**

<b>Nominal Count</b>	<b>1/10 KW Spandex</b>	<b>1/16 KW Spandex</b>	<b>1/20 KW Spandex</b>
<b>A. Count &amp; Test Parameters</b>			
Actual Count	10.0	16.0	20.2
Count CV%	1.7	1.7	1.7
Lea Str. ( lbs )	210.0	125	83
Lea Str. (CV%)	5.2	5.5	5.8
CSP	2,100	2,000	1,677
<b>B. Single Yarn Strength (Uster Tensorapid-4)</b>			
RKM	16.2	15.1	14.2
RKM CV%	7.8	9.0	9.4
ELONGATION %	8.0	6.9	6.8
ELONGATION CV%	8.2	9.1	9.8
<b>C. U% &amp; Imperfection Values (Premier IQ-Qualicenter)*</b>			
Um %	10.1	11.2	12.2
Thin (-50%)	1	1	3
Thick (+50%)	35	136	261
Neps (+200%)	25	153	212
Total Imperfection	61	290	476
Hairiness	6.0	5.6	5.2
<b>D. Twist Results</b>			
Mech. TPI	14.4	19.6	23.6
Twist Direction	Z	Z	Z
<b>E. Remarks</b>	Auto Coned, Spliced, Electronically cleared Unwaxed Yarn		

\*Imperfections shown above is tested before conditioning of yarn

**100% COTTON CARDED TFO YARN**

<b>Nominal Count</b>	<b>2/20KW</b>	<b>2/20KW</b>	<b>2/24KW</b>	<b>2/24KW</b>	<b>2/06OE</b>	<b>2/08OE</b>	<b>2/12OE</b>
<b>A. Count &amp; Test Parameters</b>							
Actual Count	10.00	10.00	12.0	12.0	3.0	4.0	6.0
Count CV%	1.80	1.80	1.9	1.9	1.0	1.0	1.0
CSP	2500	2650	2500	2650	1730	1,710	1,700
<b>B. Single Yarn Strength (Uster Tensorapid-4)</b>							
RKM	17.0	17.6	16.0	17.2	11.2	11.0	11.0
RKM CV%	7.5	7.5	8.0	8.0	7.5	7.6	8.4
ELONGATION %	5.2	5.7	5.0	5.2	6.4	6.6	6.8
ELONGATION CV%	6.5	6.5	8.0	8.0	7.4	7.6	8.5
<b>C. U% &amp; Imperfection Values (Premier IQ-Qualicenter)*</b>							
Um %	8.5	8.6	8.9	8.9	7.1	7.4	7.6
Thin (-50%)	0	0	0	0	0	0	0
Thick (+50%)	10	12	12	13	1	2	3
Neps (+200%)	18	18	23	25	1	6	12
Total Imperfection	<b>28</b>	<b>30</b>	<b>35</b>	<b>38</b>	<b>2</b>	<b>8</b>	<b>15</b>
Hairiness	8.4	8.5	6.1	6.2	9.5	8.7	6.9
<b>D. Twist Results</b>							
Mech. TPI	8.6	14.2	8.0	16.0	7.8	9.2	11.2
Twist Direction	S	S	S	S	S	S	S
<b>E. Remarks</b>							
Unwaxed TFO Yarn							

\*Imperfections shown above is tested before conditioning of yarn

**100% COTTON OPEN END YARN**

<b>Nominal Count</b>	<b>1/6 OE</b>	<b>1/8 OE</b>	<b>1/10 OE</b>	<b>1/12OE</b>	<b>1/14OE</b>	<b>1/16OE</b>
<b>A. Count &amp; Test Parameters</b>						
Actual Count	5.9	7.9	9.9	11.9	13.9	15.9
Count CV%	1.7	1.7	1.7	1.7	1.8	1.8
CSP	1,350	1350	1350	1300	1,250	1,200
<b>B. Single Yarn Strength (Uster Tensorapid-4)</b>						
RKM	9.5	9.0	9.0	8.8	8.4	8.1
RKM CV%	13.0	14.0	14.0	14.0	15.0	15.0
ELONGATION %	5.5	5.5	6.0	6.0	6.0	5.8
ELONGATION CV%	12.0	12.0	12.0	12.0	12.0	12.0
<b>C. U% &amp; Imperfection Values (Premier IQ-Qualicenter)*</b>						
Um %	13.8	12.1	12.3	12.8	13.2	13.6
Thin (-50%)	30	20	15	20	35	40
Thick (+50%)	232	115	56	65	100	115
Neps (+280%)	118	102	57	65	140	155
Total Imperfection	<b>380</b>	<b>237</b>	<b>128</b>	<b>150</b>	<b>275</b>	<b>310</b>
Hairiness	8.9	8.7	7.9	7.5	7.2	7.0
<b>E. Remarks</b>	Unwaxed Openend Yarn					

\*Imperfections shown above is tested before conditioning of yarn

**100% COTTON HANK MULTI PLY YARN**

Nominal Count	2/6 <sup>s</sup> OE	3/6 <sup>s</sup> OE	4/6 <sup>s</sup> OE	6/6 <sup>s</sup> OE
Actual Count	2.8	1.8	1.3	0.9
<b>CSP</b>	<b>1400</b>	<b>1450</b>	<b>1470</b>	<b>1530</b>
Single Yarn Strength in Kg	1.4	2.5	3.8	5.8
Nominal TPI	10.3	10.3	7.8	6.0

Nominal Count	2/8 <sup>s</sup> OE	3/8 <sup>s</sup> OE	4/8 <sup>s</sup> OE	5/8 <sup>s</sup> OE
Actual Count	3.8	2.4	1.8	1.5
<b>CSP</b>	<b>1400</b>	<b>1450</b>	<b>1450</b>	<b>1500</b>
Single Yarn Strength in Kg	1.2	2.2	2.9	3.4
Nominal TPI	12.6	11.3	10.3	8.1

Nominal Count	2/10 KW GM	2/10 KW BM	4/10 KW	4/10 KW GM
Actual Count	4.5	4.5	2.2	2.2
<b>CSP</b>	<b>2950</b>	<b>2300</b>	<b>2800</b>	<b>3000</b>
Single Yarn Strength in Kg	3.8	3.1	6.1	6.4
Nominal TPI	12.5	12.5	4.5	4.5

Nominal Count	2/26 KW SM	2/26 KW BM	2/26 KW OB	3/26 KW SM
Actual Count	12.5	12.8	12.8	8.2
<b>CSP</b>	<b>2350</b>	<b>2380</b>	<b>2250</b>	<b>2600</b>
Single Yarn Strength in Kg	1.7	1.8	1.6	2.3
Nominal TPI	21.8	21.8	21.8	15.8

- \* OB=Only Bleached
- \* BM=Bleached Mercerised
- \* GM=Grey Mercerised
- \* SM=Scoured Mercerised