

## TECHNICAL SPECIFICATION OF 100% COTTON COMBED KNITTING YARN

Count	Ne16/1	Ne20/1	Ne24/1	Ne30/1	Ne40/1	Ne50/1
Quality	Combed	Combed	Combed	Combed	Combed	Combed
End Use	Knitting	Knitting	Knitting	Knitting	Knitting	Knitting
Actual Count	16.00	20.00	24.00	30.00	40.00	50.00
Count Cv%	1.25	1.25	1.25	1.35	1.35	1.35
CSP	2550	2500	2450	2450	2400	2400
TPI	14.00	15.62	17.39	19.71	22.76	25.45
T.M.	3.50	3.50	3.55	3.60	3.60	3.60
TPI Cv%	2.50%	2.50%	2.50%	2.50%	3.00%	3.00%
Twist Direction	Z	Z	Z	Z	Z	Z
<b><u>Uster &amp; Imperfection</u></b>						
Uster%	7.80	8.30	8.70	9.50	10.25	10.50
Thin/Km (-50%)	0	0	0	0	1	2
Thick/Km (+50%)	4	8	13	16	30	40
Neps/Km (+200%)	9	10	20	28	55	60
Total Imperfection	13	18	33	44	86	102
Hairiness	8.50	7.90	7.50	6.70	5.80	5.30
<b><u>Single Yarn Strength</u></b>						
Average RKM	16.50	16.50	16.30	16.00	15.80	15.70
RKM Cv%	8.00	8.00	8.50	8.50	8.50	8.50
Elongation%	5.40	5.00	4.80	4.60	4.30	4.40
Elongation Cv%	8.00	8.00	8.50	8.50	9.00	9.00
<b><u>Classimat</u></b>						
Total faults	35.00	40.00	55.00	75.00	95.00	110.00
Objectionable ((A4B4C3D3C4D4))	Nil	Nil	Nil	Nil	Nil	Nil

## TECHNICAL SPECIFICATION OF 100% COTTON CARDED YARN

Count	Ne16/1	Ne20/1	Ne24/1	Ne30/1
Quality	Carded	Carded	Carded	Carded
End Use	Knitting	Knitting	Knitting	Knitting
Actual Count	16.00	20.00	24.00	30.00
Count Cv%	1.35	1.35	1.35	1.50
CSP	2400	2350	2300	2230
TPI	14.80	16.50	18.61	20.81
T.M.	3.70	3.70	3.80	3.80
TPI Cv%	2.50%	2.50%	3.00%	3.00%
Twist Direction	Z	Z	Z	Z
<b><u>Uster &amp; Imperfection</u></b>				
Uster%	10.00	10.75	11.20	11.50
Thin/Km (-50%)	0	1	2	3
Thick/Km (+50%)	35	65	115	165
Neps/Km (+200%)	58	85	135	215
Total Imperfection	93	151	252	383
Hairiness	8.70	8.10	7.60	6.90
<b><u>Single Yarn Strength</u></b>				
Average RKM	16.00	15.50	15.30	15.00
RKM Cv%	8.50	8.50	8.50	9.00
Elongation%	5.10	4.80	4.60	4.30
Elongation Cv%	8.50	8.50	8.75	9.00
<b><u>Classimat</u></b>				
Total faults	80.00	100.00	150.00	200.00
Objectionable (A4B4C3D3C4D4)	Nil	Nil	Nil	Nil