

TECHNICAL SPECIFICATIONS

	SINGLE YARNS											
Nominal Count	4.6/1s	6/1s	8/1s	9/1s	10/1s	15/1s	18/1s	20/1s	24/1s	30/1s	32/1s	40/1s
Blend	100%Poly.	100%Poly.	100%Poly.	100%Poly.	100%Poly.	100%Poly.	100%Poly.	100%Poly.	100%Poly.	100%Poly.	100%Poly.	100%Poly.
Avarage Count	5.0	6.0	8.0	9.0	10.0	15.0	18.0	20.0	24.0	30.0	32.1	40.0
Count CV%	2.20	2.20	2.00	2.00	2.00	1.80	1.55	1.50	1.45	1.50	1.50	1.50
Avarage Lea Strength	1240	1025	762	600	672	380	311	280	235	187	162	134
Strength CV%	5.5	5.5	5.3	5.4	5.4	5.0	5.0	5.0	4.8	4.5	4.7	6.8
CSP	6200	6150	6100	6000	6050	5700	5600	5600	5640	5500	5200	5350
<u>Uster Results:-</u>												
Mean U%	7.80	7.90	8.10	8.20	8.30	8.45	8.25	8.45	8.50	9.20	9.70	10.80
Imperfections												
Thin(-50%)	0	0	0	0	0	0	0	0	0	1	1	5
Thick(+50%)	1	2	2	3	4	3	5	3	5	6	8	22
Neps(+200%)	3	3	8	9	5	10	8	12	12	20	21	43
Total Imperfections	4	5	10	12	9	13	13	15	17	27	30	70
Tensile ProperTies												
Avg. Single Tread Strength	4665	3850	2865	2546	2300	1500	1225	1092	903	710	705	416
RKM (g/Tex)	41.3	41	40.7	40.3	40	38	37.3	37.3	37.6	36.7	34.7	35.7
RKM CV%	8.5	8.5	8.4	8.4	8.3	8.2	7.6	7.4	7.5	7.5	7.2	5.4
Elongation	13.5	13.3	13.2	13	13.1	13	13	12	11.2	11	12.8	13
Elongation CV%	5	5	4.8	4.5	4	4.2	4.3	4	3.5	3.4	3.5	4.5
TPI	6.40	7.35	8.50	9.00	9.50	11.40	12.62	13.27	14.27	16.38	6.78	17.80
TPM	252	289	335	354	374	450	497	522	562	645	661	701

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	MULTIFOLD YARNS											
Nominal Count	8/2s	8/3s	10/3s	10/4s	12/3s	12/4s	20/6s					
Blend	100% Poly	100% Poly	100% Poly	100% Poly	100% Poly	100% Poly	100% Poly					
Avarage Count	4.00	2.70	3.33	2.50	4.00	3.00	10.00					
Count CV%	1.40	1.50	1.65	1.50	1.50	1.50	1.50					
Avarage Lea Strength	1571	2406	1757	2360	1500	2000	575					
Strength CV%	5.5	5.5	4.5	5	4.5	4.5	5.8					
CSP	6300	6400	6250	6290	6000	6000	6120					
<u>Uster Results:-</u>												
Men U%	6.80	6.50	6.00	5.60	6.20	5.80	7.50					
Imperfrections												
Thin (-50%)	0	0	0	0	0	0	0					
Thick (+50%)	1	0	1	1	2	1	0					
Neps(+200%)	5	4	1	1	1	1	0					
Total Imperfections	6	4	2	2	3	2	0					
<u>Tensiles Properties:-</u>												
Avg.Single Thread Strength	7730	8690	6916	9330	7874	830	2274					
RKM (g/TEX)	42.00	42.70	41.70	41.90	40.00	40.00	40.80					
RKM CV%	4.80	4.90	8.00	8.00	7.20	7.20	7.50					
Elongation	12.50	13.0	13.5	13.0	13.3	13.5	13.0					
Elongation CV%	4.7	4.8	4.5	4.2	4.3	4	4					
TPI	8.00	6.52	7.30	6.32	8.00	6.93	7.30					