

<b>MAA KARNI INTERNATIONAL</b>																					
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<b>YARN QUALITY SPECIFICATION</b>																					
SPECIFICATION NO.																					
Description		TC 16	TC 20	TC 22	TC 24	TC 30	TC 32	TC 34	TC 36	TC 40	TC 45 NW	PE 30	PE 40	CVC 30	CVC 32	CVC 36	CVC 40	CVC 40	CVC 41	CVC 45	PC 36
						W	W	NW	W	W	NW	W	W	W	W	W	NW	W	NW	NW	W
Nominal Count	Ne	16.0	20.0	22.0	24.0	30.0	32.0	34.0	36.0	40.0	45.0	30.0	40.0	30.0	32.0	36.0	40.0	40.0	41.0	45.0	36
Blend	%	65/35	65/35	65/35	65/35	65/35	65/35	65/35	65/35	65/35	65/35	100 PE	100 PE	40/60	40/60	40/60	45/55	40/60	40/60	45/55	50/50
Actual Count	Ne	16.0	20.0	22.0	24.0	30.0	32.0	34.0	36.0	40.0	45.0	30.0	40.0	30.0	32.0	36.0	40.0	40.0	41.0	45.0	36.0
CV of Count	%	1.0	1.2	1.3	1.4	1.3	1.3	1.4	1.4	1.5	1.5	1.4	1.4	1.3	1.3	1.4	1.5	1.5	1.5	1.5	1.5
Single Yarn Strength	g	880.0	680.0	632.6	556.0	465.0	420.0	380.0	370.0	330.0	280.0	650.0	470.0	350.0	310.0	250.0	255.0	240.0	240.0	230.0	320.0
CV of SYS	%	6.0	6.5	6.5	6.5	6.0	6.5	6.5	6.5	7.0	7.5	4.0	4.5	6.5	6.5	7.0	7.5	7.0	7.0	7.5	6.5
RKM		23.84	23.02	23.56	22.59	23.62	22.75	21.87	22.55	22.35	21.33	33.01	31.83	17.78	16.79	15.24	17.27	16.25	16.66	17.52	19.50
Elongation	%	9.2	8.6	8.4	8.0	9.5	9.3	8.5	8.2	8.0	7.5	11.0	10.0	6.3	6.0	5.8	6.5	5.6	5.6	5.5	7.0
CV of Elongation	%	7.5	7.5	7.5	7.5	7.0	7.0	7.3	7.5	7.5	8.0	6.0	6.5	7.0	7.5	7.5	8.0	8.0	8.0	8.0	7.3
TPI	Nos	13.65	14.96	15.72	16.17	19.0	20.0	20.0	20.5	22.2	23.3	17.7	20.7	19.5	20.0	20.3	22.6	22.5	24.0	25.4	21.63
Evenness & Imperfection Test with Uster Tester 3																					
U	%	7.4	8	8.2	8.50	9.50	10.00	10.40	10.30	10.74	11.50	9.50	10.40	10.30	10.10	10.60	10.90	10.70	11.35	11.50	10.56
Thin (-50%)	Nos	0	0	0	0	0	1	2	2	4	9	0	2	2	2	2	4	8	9	12	1
Thick (+50%)	Nos	9	15	18	20	30	32	55	40	55	60	8	14	43	40	45	80	65	85	120	70
Neps (+200%)	Nos	24	43	50	61	100	120	135	150	160	180	18	20	120	130	140	200	170	180	220	200
Total	Nos	33	58	68	81	130	153	192	192	219	249	26	36	165	172	187	284	243	274	352	271
Hairiness	( - )	7.00	6.50	6.30	6.20	5.40	5.20	5.10	5.10	4.65	4.60	5.46	4.83	5.40	5.30	5.20	4.90	4.80	4.80	4.60	4.80
Classimat fault tested with Uster Classimat 3																					
Total Faults	Nos	60	70	80	80	80	80	86	100	140	280	90	100	120	130	150	180	200	200	340	140
																					Uster Classimat 3