



Physical Fiber Properties of Egyptian Cotton Varieties

Measured By HVI & Micromat

Season 2011/2012 Until 30/06/2012

Variety		Extra Long Staple				Long Staple			
		G45	G 70	G 87	G88	G92	G86	G80	G90
Property Season 2011/2012 until 30/06/2012									
Length	Upper Half Mean mm		36.1	35.2	33.5	32.6	29.6	28.4	
	Uniformity Index		88.5	86.9	87.6	86.9	83.9	83.3	
Strength	Strength g/tex #		44.3	44.4	46.0	44.1	35.2	33.8	
	Elongation %		4.7	4.9	5.4	5.8	7.5	7.8	
Fineness	Micronaire u/inch		3.38	4.11	3.72	4.60	4.47	4.21	
Color	Reflectance Rd%		73.4	66.9	77.7	76.5	65.1	66.2	
	Yellowness +b		8.9	11.5	8.4	8.4	12.1	11.4	
Trash	Trash Area %		1.2	0.8	0.4	0.6	1.0	1.1	
	Trash Count		55	44	27	38	83	89	
Micromat	Maturity %		87	86	84	90	85	85	
	Hair - Weight millitex		122	158	143	172	180	166	
SCI	Spinning Consistency Index		227	207	222	202	150	144	
Number of Samples			3	5070	58	16922	543	1270	

Tested by USDA Mode .

Samples Drawn by CATGO From Each Lot .

Spinning & Fiber Sector June 2012

Chairman
 Dr. Eng./ Mahmoud ELBagoury