



Physical Fiber Properties for Short Fiber Cotton Varieties

Measured By HVI & Micromat

Cotton Arbitration & Testing General Organization
CATGO

From 1/9/2022 Until 19/12/ 2022 season 2022/2023

General Administration for Information Systems & Digitization
ISD

variety		LIMA COTTON	EDESSA COTTON
property			
Mic Reading	u/inch	4,71	4,71
Upper Half Mean Length	(mm)	29,51	28,27
Uniformity Index	(%)	83,6	84,0
Short fiber	(%)	7,0	7,2
Strength	(gm/tex)	30,2	30,1
Reflectance	Rd	72,1	65,5
Yellowness	+b	8,0	8,5
SCI		133	128
Maturity	(%)		
Hair Weight	(m.tex)		
Trash	%	14,9	22,0
Neps Count/gram		75	110
No. of samples		11	19

Chairman
Eng. | Mohamed Khedr