



Cotton Arbitration & Testing General Organization  
CATGO  
Information & Documentation Center  
IDC

**Physical Fiber Properties for short fiber Cotton Varieties**  
**Measured By HVI & Micromat**

From 1/9/2021 Until 14/06/ 2022 season 2021/2022

property	variety	LIMA COTTON	EDESSA COTTON
Upper Half Mean Length	(mm)	29,89	29,13
Uniformity Index	(%)	84,1	84,5
Short fiber	(%)	7,8	6,5
Strength	(gm/tex)	31,6	31,6
Mic Reading	u/inch	4,87	5,14
Reflectance	Rd	74,2	69,8
Yellowness	+b	8,9	8,9
SCI		140	135
Maturity	(%)	75	79
Hair Weight	(m.tex)	185	189
Trash	%	15,7	16,3
Neps Count/gram		94	129
No. of samples		9	5

*Chairman*  
*Eng. | Mohamed Khedr*